Copy Personal Information

Biographical

First Name Daniel
Last Name Craig
Sex Male

Birthdate 09/22/1994

Birthplace Charlotte, North Carolina, United States

Contact

Email dcraig4991@gmail.com

Mobile +1 919-418-0841
Mailing Address 4708 Straw Ct

Harrisburg, NC 28075-8615

United States

Permanent Address 4708 Straw Ct

Harrisburg, NC 28075-8615

United States

Citizenship

Citizenship Status United States Citizen

Primary Citizenship United States

Ethnicity

Hispanic No Race White

Additional Information

How did you hear about us? Faculty or Staff Member at my Institution

Interaction with current NC State student or NC State alumni

Military Status

Are you currently serving or have you ever served in the United States Armed Forces?

No

Are you a dependent or spouse of a current or prior United States service member?

No

NC Residency

Do you claim to be a North

Carolina Resident?

Yes. I claim to be a North Carolina resident for tuition purposes*

County of NC Residency Cabarrus

Enter your 10 digit number only 1101140240

Are you a first generation

college student?

No

Copy **Academic Program**

Form Title Academic Program

ACADEMIC PROGRAM

Program/Major Analytics

Degree/Delivery MethodMaster of Science (MS) - Advanced Analytics

Admit Term Summer II 2022

Anticipated Attendance Status: Full Time

FINANCIAL AWARDS

Do you want to be considered for financial support? (i.e. Assistantships - Research or Teaching, and Fellowships) Yes

Did you play a varsity sport either at NC State or at another

college or university?

(Fellowships may be available)

Have you applied to or are you receiving funding from another

No

Yes

No

source?

PREVIOUS NC STATE RECORDS

Have you ever applied for admission to our University (Undergraduate, Graduate, Agricultural Institute, Veterinary Medicine or Non-Degree

Studies)?

Have you ever been an enrolled student or employee at NC State

Yes

University?

OTHER COLLEGES / UNIVERSITIES

Institution Name City University of New York

Program(s) MS in Computer Science, Machine Learning, Data Science

Institution Name Syracuse University

Program(s) MS in CS

Institution Name University of Utah

Program(s) MS in Computer Science(thesis and non-thesis)

Institution Name University of Rochester
Program(s) MS in Computer Science

Institution Name Boston University

Program(s) MS in Artificial Intelligence, Computer Science

Institution Name Georgia Institute of Technology

Program(s) MS in Comp Sci w/ Specialisation in Machine Learning

Analytics Supplemental Questions

1. Please list the statistics All statistics courses were taken at NC State. ST516 completed. ST517

Copy Academic Program (continued)

courses (if any) you have completed or in which you are currently enrolled. If none, enter "N/A." in progress. Business Statistics from Undergrad.

2. Please list which (if any) computer programming languages you have used and at what level of proficiency: Beginner (can read/interpret), Intermediate (can write code), or Advanced (can teach it). If none, enter "N/A."

R (beginner), Python (beginner/intermediate), SQL (Intermediate), VBA (Beginner) JavaScript(Beginner)

Copy **Education History**

Undergraduate/Bachelor's Level #1

Institution North Carolina State University (5496)

Dates of Attendance 08/2013 - 05/2017

Location Raleigh, NC, United States

Primary Language is English Yes

Degree Bachelor of Science: 05/2017

Major Business Administration and Management

GPA 2.83 / 4

Please address any areas of concern regarding your education history (including areas of low performance)

Beginning of sophomore year in College, with the help of NC State Health, we recognized I had depression and severe anxiety. I was able to find a psychiatrist and therapist with whom I've worked with over the past 6 years. It has helped me grow into a stable and effective member of society. With their help, and NC State's health department setting me on that course, I've achieved much success at my current position as an I.T. Supervisor within my company and considered part of the company's top performers. From having anxiety in class to leading my company through two ransomware attacks and making announcements in front of our most important business partners and Chief Officers, I am excited to learn and impact the communities around me.

Copy Community Standards

Form Title Community Standards

CODE OF STUDENT CONDUCT

I agree to uphold the Code of Student Conduct

1. Have you ever been found guilty or convicted of a misdemeanor, felony, or other crime?

No

- 2. Have you ever entered a plea of no contest, a plea of nolo contendere, or an Alford plea to a misdemeanor, felony, or other criminal charge; or received a deferred prosecution or prayer for judgment continued, for such a charge?
- No
- 3. Have you otherwise accepted responsibility for the commission of a crime?
- No
- 4. Do you have any criminal charges pending against you?
- No
- 5. Have you ever been expelled, dismissed, suspended, placed on probation, or otherwise subject to any disciplinary sanction (for other than purely academic reasons) by any school, college, or university?
- No

6. If you have ever served in the U.S. military, did you receive any type of discharge other than an honorable discharge?

No - Never served

ATTESTATION

I have read and understand this information

Copy Recommendations

Reference #1

NameMs. Anna KimOrganizationDaedong-USA, Inc.

Title Chief of Operations/Director of HR&Legal

Relationship I directly reported to Anna Kim at my workplace.

Phone +1 919-612-6237

Email akim@kiotitractor.com

Name Displayed to

Recommender

Daniel Craig

Waiver The Family Educational Rights and Privacy Act of 1974 (Buckley

Amendment) allows you to access your educational records if you enroll at NC State. You may waive your right of access to this specific report if you so choose. Your decision to waive or not to waive your right of access will have no bearing on the handling of your application.

Waiver Response I waive my right to access this report.

Waiver Signature Daniel Craig
Recommendation Requested 10/30/2021
Recommendation Submitted 10/30/2021

Reference #2

Name Dr. Herle McGowan

Organization NC State
Title Dr/Professor

Relationship Professor of ST517 **Phone** +1 919-515-0634

Email herle_mcgowan@ncsu.edu

Name Displayed to

Recommender

Daniel Craig

Waiver The Family Educational Rights and Privacy Act of 1974 (Buckley

Amendment) allows you to access your educational records if you enroll at NC State. You may waive your right of access to this specific report if you so choose. Your decision to waive or not to waive your right of access will have no bearing on the handling of your application.

Waiver Response I waive my right to access this report.

Waiver Signature Daniel Craig
Recommendation Requested 10/30/2021
Recommendation Submitted Not Submitted

Reference #3

Name Mr. Yung Ki Park
Organization Daedong-USA, Inc.
Title Chief Financial Officer

Relationship I directly report to Yung Park in at my work place.

Phone +1 919-612-7331

Copy Recommendations (continued)

Email ypark@kiotitractor.com

Name Displayed to Recommender **Daniel Craig**

Waiver The Family Educational Rights and Privacy Act of 1974 (Buckley

Amendment) allows you to access your educational records if you enroll at NC State. You may waive your right of access to this specific report if you so choose. Your decision to waive or not to waive your right of access will have no bearing on the handling of your application.

Waiver Response I waive my right to access this report.

Waiver Signature Daniel Craig
Recommendation Requested 10/30/2021
Recommendation Submitted 10/30/2021



Certification

Signature

I certify that all information submitted in the admission process is my own work, factually true, and honestly presented. I understand that failure to provide complete, accurate, and truthful information in this application will be grounds to deny or withdraw my admission or dismiss me after enrollment.

Admission to NC State is contingent upon completion of any degree (bachelor's, masters, etc.) listed in your education history. If currently enrolled in a degree program, it is your responsibility to maintain a level of academic performance that meets university and program admission standards. Poor performance during your last semester(s) could jeopardize your admission. Failure to comply with these conditions could, at the discretion of the program or Graduate School, be grounds for changing the admission status.

I hereby acknowledge that the institution may verify the information listed in this application and that the institution may divulge the contents of this application as permitted under the Family Educational Rights and Privacy Act of 1974 (FERPA) only if I am admitted AND I enroll at this institution.

Under Title IX of the Education Amendments of 1972, the university is committed to ensuring that every member of our community learns in an environment free of sex discrimination and sexual harassment. If you have experienced sex discrimination or sexual harassment, please contact NC State's Title IX Coordinator. Their contact information is:

Title IX Coordinator

231 Winslow Hall

Campus Box 7530

Raleigh, NC 27695

919.513.0574 (phone)

919.513.1428 (fax)title-ix-coordinator@ncsu.edu

I also hereby acknowledge that if I provided my US Social Security Number on my application, it was voluntary and with the understanding that it serves as consent for the University to use this data for student and alumni administrative and record-keeping purposes.

I understand that the application fee is non-refundable.

Daniel Evans Craig

10/10/2021

Date

1/2

Copy Page 2 of 2

Unofficial Transcript Student ID: 200017875

Undergraduate Record (Continued) 2017 Spring Term Bachelor of Science

Business Administration, Regular Academic Session

6.999 0.000 11.001 9.000 27.000 117.000 329.659 Grade C+ W A-B B 3.000 134.000 123.000 Attempted
3.000
0.000
3.000
3.000
9.000 Term Totals: Cum Totals: Business Analytics Sys Analy & Design IT Capstone Bus Pol & Strat Undergraduate Career Totals
Cum GPA: 2.818 Session: Course

Applied Statistical Methods I 3.000 3.000 C+ 6.999
Term GPA: 2.333 Term Totals: 3.000 3.000 C+ 6.999
The COVID-19 global pandemic impacted university operations this term, which may be reflected in enrollment and grading outcomes. - Beginning of Non Degree Status Record - 2020 Fall Term Regular Academic Session Post Bacc Studies

Points 9.999 9.999 Grade B+ 3.000 Earned 3.000 3.000 Attempted 3.000 3.000 2021 Summer Term 1 2021 Fall Term Methods I Term Totals: Post Bacc Studies Summer Ten Week Session Description
Applied Statistical
Term GPA: 3.333 517 Plan: Session: Course ST 517 Session: Course ST 517

Points 0.000 0.000 Grade 0.000 0.0000 Earned 3.000 Applied Statistical Methods II

Term GPA: 0.000 Term Totals: Regular Academic Session Status Career Totals Post Bacc Studies Description Non Degree Plan: Session: Course ST 518

16.998 000.9 0000.9 9.000 Cum Totals:

Print Date: 2021-10-10

North Carolina State University Name: Daniel Craig



Daniel Craig

Personal Statement

It was 3 a.m. and the tick-tack tactile sound of keystrokes with the odd click of a mouse here and there echoed through the foyer of my family's home. I was 15, trying to be dead silent so my parents wouldn't wake up, and had a private server of World of Warcraft in the background with a Wikipedia page up about Deep Blue, the first computer to win a game and match against a reigning world chess champion at the time of its creation. I was in awe that someone could make a machine to do that. "That's almost like the sci-fi movies! Wouldn't it be cool if we could program computers to play video games perfectly for us? How did they do that?" I now look back on that memory as probably the first time data science, machine learning, and the like caught my interest. These moments continued.

An avid fan of a MOBA game in my college years; I played Dota 2, a 5v5 team-based game where players level up fantasy inspired heroes to destroy the enemy base. Known to some as one of the most strategic video games ever created and OpenAI had recently been announced that garnered attention from Elon Musk. It was an 'A.I.' that took down every professional team the world had to offer. Again, the same thoughts from being 15 repeated in my head. I sidelined it as something not for me.

I remember sitting in Dr. Fay Payton's capstone course my senior year at NC State and feeling the fascination that I could grab D.H. Hill's library room usage from motion sensors to inform the library on behavior. The information alone was giving me ideas on what the library could do depending on what story the data told. Heavily trafficked areas, which study areas did students prefer, time, day, or what restaurants were open in the Brickyard food court at the time were all questions to be answered. During that same semester, I remember sitting in Professor Fowler's classroom as she taught us how to use regression to help create models for predictions and see correlations between variables. This was so cool but I was already a senior in Bus. Admin with a concentration in Information Systems. I took Calculus II and III as electives and when my friends asked why I always said "for fun." Later, I looked at the feasibility of double majoring in statistics while I was a junior, but my mental health gave way. I decided to graduate in four years to avoid debt and get to work as fast as possible. Luckily my parents helped with a therapist at the tail end of my junior year through my graduation.

I graduated and went to work at Kioti located in Wendell, NC. In my free time, I started Andrew Ng's Machine Learning course, and followed along some python tutorials that were available to me through work. I knew I needed more structure for me to be effective. I paid for a session with a Machine Learning engineer who gave tutoring through a service called WyzAnt and he mapped out for me the material I would need to master. I started to explore the options of continued education under a university. I knew I wanted to be a part of this. Despite my fear of being an unviable applicant, I used NC State's Master of Analytics as a benchmark to get started. I spoke with Valerie, head of admissions, a few professors, and chose ST517 and ST518 as courses to help prove my efficacy in academia since my undergraduate GPA was not to my standards. Unfortunately, just as my first attempt at ST517 started, ransomware crippled the company for about two weeks. My manager left a few months before and we had yet to replace him, leaving myself as the sole individual largely responsible for recovery and prevention. I forget the number of hours each week that I worked. I do recall the first two weeks being near 100 hours. The following weeks were somewhere between 60 to 70. Getting Kioti operational may have taken a week and a half, but true recovery took months. Ransomware hit just as my ST517 course started that fall. I achieved a middling grade and re-took in the summer semester for a B+. Dr. McGowan



is a absolutely brilliant teacher. Although, Dr. Osborne, of ST518, is proving to be a tough competitor for her as my favorite teacher.

My memories of high school and undergraduate years are unfortunately drowned in a struggle with mental health. Although I am a firm believer that anxiety or depression is something an individual will always need to manage such as diabetes or a speech impediment, the memories I recount here are some of the tools I've been gifted with, by those around me, that re-ignited the spirit I needed to fight that battle and re-discover my passion for this craft and how I can use it.

With a gentle and elegant tone, Dr. Snow softly caught my rapidly deteriorating mental state with the following words. "Daniel, I think that's a bit unfair to yourself. If someone was talking to your friend the same way you just talked about yourself, what would you tell your friend?"

I raised my head a bit, regaining an amount of belief in myself as the pitch black tar in my chest started to melt to the warmth another person was emanating for me. I responded; "I'd tell them it's not true and to keep trying." Dr. Snow lips parted to reveal one of the most heart warming smiles I can recall. "That's what it's all about, Daniel." With glossy, wet eyes, I chuckled a bit as an oddly familiar and childish joy sprung up in my chest.

He opened the car door and grabbed his luggage. It was a baby blue sky, a shining yellow sun, and a couple-puffy-clouds kind of day. The roar of jet engines soaring above and tires gripping asphalt as cars turned out of the drop off area echoed underneath the concrete canopy. "Do you think you'll like your Ph.D. program, man?" I said, as I hugged my friend Yoshi. We shared a few moments before he stepped towards terminal 4 at the RDU airport. He hesitated, giving evidence to some potentially deeper thought. "I think I will. I want to see what I can find out about fractures and material stress. There's something about it that's just interesting to me."

No one could log into their computers. Operations had ceased. 200 employees and a company were not even crawling. The people that have helped me grow, given me opportunity, and shared jokes with me in the breakroom needed my help. After several hours of breaking into my own system, I found the first inconspicuous text file reporting in a professional tone that it would restore access for a ransom. After gathering myself, I walked towards my chief officers, who were sitting in an office speaking Korean. As they saw me walk towards, they beckoned me inside. In a somber tone, unsure of what was about to happen, I calmly reported to my superior:

"We have been compromised by a specific account that we knew was suspicious. It was associated with a development project and had elevated permissions. I can confirm this is ransomware. It could've been stopped had we had certain systems in place, but I should not have taken the chance to leave it activated, even at the cost of development. You may have questions at this point whether you should still employee me, and I don't mean to distract from that conversation, but with your permission... I'd like to focus on getting us up and running again."

Above are the memories I have that I believe have influenced me towards this path. I think the way to achieve being able to impact my community, and provide others the opportunities like I've had, is to use that passion I've found for this field in computer science and information technology. It is a privilege to pursue one's passion. Helping those around you is fulfilling and although seemingly unrelated, I believe higher education is a way for me to have a greater impact on the world. Data science and the applications of statistics in decisions by machines or humans is the most interesting topic I have ever come across. I'd like to learn more about it and would be honored to pursue that at NC State.



Daniel Craig

919.418.0845 dcraig4991@gmail.com Raleigh, NC

Goal:

Develop expertise in application and interpretation of data to positively impact society and business *Education:*

B.S. Business Administration conc: Information Technology Graduation: May 2017

North Carolina State University

Study Abroad in China (Shanghai, Beijing, and Suzhou); Toured Lenovo, Hyster, and historical sites

Technical Skills:

❖ SAS: GLM, REG, PLOT functions❖ SQL: Intermediate❖ Python: Beginner❖ R: PLOT, F-Tests, PDFs❖ Visual Basic: Beginner❖ Pandas: Beginner

Professional Experience:

Kioti | 200 Employees | \$500M+ Company

Wendell, NC 2017 - Ongoing

I.T. Supervisor/Database Specialist

Managed production and reporting databases and created live data reports with Excel to provide marketing and financial departments with accurate data for analysis

Worked, counseled, and directly reported to C.O.O. and C.F.O. regarding company objectives and multiyear department plans and led a team of eight I.T. professionals. Projects include:

- SQL Server integrations with Dynamics 365 CRM platform
- Utilized T-SQL and Python to identify prevent the duplication of sales orders valued at roughly \$1.5 million dollars, and re-create the correct orders with a script into an import format acceptable to the company's ERP
- CRM Customizations to improve department productivity and gain development experience
- Participated in two ransomware incident response team events and led a third to implement the practices and solutions needed to end a 3 year streak of ransomware attacks and prevent two more attacks in 2021
- Led a team of five members to implement a new phone system that would allow for data analysis on sales and service calls

ClassTech | North Carolina State Univ.

Raleigh, NC 2016 - 2017

I.T. Support Technician



Data/Statistical Examples:

- NYC Social Media/Current Event Analysis: Utilizing Tableau, analyzed public access data to explain government-based social media trends in New York City to correlate social response and current events
- Seed Yield Regression Analysis: Performed multiple linear regression with SAS on seed yields to determine nitrogen, water, seed age, and location to determine most effective combination of variables to increase seed yields and analyze which variables explain the most variability
- Shrimp Growth Multi-Factor Analysis: Performed regression with SAS and R on a factorial effects model on shrimp growth based on density of population, temperature, and salinity to discover interaction effects between variables and advise on most productive combination
- **<u>IoT Library Usage Capstone:</u>** Assembled and programmed a motion sensor device using Arduino code and SparkFun tech kits to record library room usage, resulting in room traffic metrics. Collected, cleaned, and analyzed information from the team's datastreaming platform to present findings on D.H. Hill room usage
- **COVID-19 Geographic Outbreak:** Utilized Python and Pandas library to show geographic impact of COVID-19's initial outbreaks in the U.S.

Relevant Courses:

ST517 Applied Statistical Methods I	B+	N.C. State Dr. Herle McGowan	Summer 2021
ST518 Applied Statistical Methods II	Ongoing	N.C. State Dr. Jason Osbourne	Fall 2021
Machine Learning	Ongoing	Coursera Andrew Ng	Fall 2021
BUS 449 IT Capstone	A-	N.C. State Dr. Fay Payton	Spring 2017
BUS 443 Business Analytics	C+	N.C. State Prof. Sherry Fowler	Spring 2017

Extra-Curricular Experience:

Muay Thai, Gracie Raleigh

Raleigh, NC 2018 – 2020

Practiced self defense, good sportsmanship, and discipline in martial arts

Boy Scouts of America Troop 157 Leader

Mooresville, NC 2005 – 2013

Led 15 to 20 young men on roughly 70 expeditions, hikes, and service projects

Habitat for Humanity Service

10/31/2021 14:54

Wake County, NC 2015 - 2016

2/2

Provided 10 hours of service a month towards deconstruction of old homes for recycle-able material

Resume/CV



10/26/21

North Carolina State University

1020 Main Campus Drive,

Raleigh, NC 27695-7102

To Whom it May Concern:

It is my pleasure to recommend Daniel Craig for admission to Master of Science in Analytics at Morth Carolina State University. I have been Daniel's direct supervisor in my capacity as the Chief Financial Officer at Daedong-USA, Inc., KIOTI Tractor. Daniel has been employeed at KIOTI Tractor for four years as our IT Supervisor/Database Specialist.

Throughout his time at KIOTI, Daniel has taken the lead on many projects for our company. These projects exemplied his ability to conceptualize problems with innate technical aptitude. Daniel has a special skills in paying close attention to detail in which helped process improvements through out the company. Especially in the area of improving our security over the past two years and implementing many techonogies i.e. Veem, MFA, Phishing campaigns, and SIEM/SOC monitoring with vendors. Daniel was very instrumental in improving company SQL reporting and integrity of the company's data. He has shown genuine commitment to goals, ability to understand detailed processes, and achieving company wide objectives. He accomplished these tasks with a great initiative and passion with a driven energy.

Daniel has a wonderful rapport with his fellow co-workers. He has a special talent in understanding detailed processes between departments and creating accurate and applicable solutions to them with technology. He is diligent and highly competent with great work ethic.

Daniel is a valuable member of our organization whom we have learned we can rely on, regardless of the difficulty of the task on hand or the novelty of the challenge. His combination of intelligence, commitment, preservance, and creativity will certainly make him a valuable member of any academic

I encourage you to look favorably upon his application.

Sincerely,

program.

Vung Park

Chief Financial Officer

DAEDONG-USA, INC. KIOTI TRACTOR DIVISION | 6300 KIOTI DRIVE WENDELL, NC 27591 | 1-877-GO-KIOTI | KIOTI.COM







10/26/21

North Carolina State University

1020 Main Campus Drive,

Raleigh, NC 27695-7102

To Whom it May Concern:

It is my pleasure to recommend Daniel Craig for admission to Master of Science in Analytics at Morth Carolina State University. I have worked with Daniel in my capacity as the Chief Operating Officer at Daedong-USA, Inc. dba KIOTI Tractor for four years as our IT Supervisor/Database Specialist.

Throughout his time at kIOTI Tractor, Daniel has proven to be a leader in many ways. In particular, he demonstrated his leadership skills when our company went through ransomware attacks. This resulted in our entire company halting operations for a couple of weeks. Daniel distinguished himself from other employees by demonstrating exceptional leadership skills. He was relentless in finding ways to normalize the operation using all necessary resources. In addition, he worked 16 hour days and sometimes pulled overnight hours to ensure our company was back up and running as soon as possible. From this experience alone, I observed Daniel's innate company to find the solution with exceptional work ethic.

From the Human Resources percepective, the company found him at the top of our talent group and promoted him to the leadership role that he is currently holding. He has a rare combination of high intelligence and driven work ethic. He excels in high pressured environments with methodical execution.

He works well with other department managers by exemplifying great communication skills and building a good rapport with them. His ability to connect with his peers at work and his talent at teaching concepts to others are superior. He has excellent written and verbal communication skills and strong organizational skills.

Overall, Daniel has a wonderful character and sets a high standard for himself in regards to honesty and integrity. Daniel would be a tremendous asset to your program, and I would recommend him to you without reservations. If you have any futher questions with regard to his background or qualifications, please do not hesitate to contact

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Chief Operating Officer/Director of HR & Legal

DAEDONG-USA, INC. KIOTI TRACTOR DIVISION | 6300 KIOTI DRIVE WENDELL, NC 27591 | 1-877-GO-KIOTI | KIOTI.COM



