

# Nicholas John White

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## **EDUCATION**

**New York University Abu Dhabi**, Abu Dhabi, UAE

May 2018

Bachelor of Science in Computer Science concentrating in Mathematics and Interactive Media and Technology

Received Full Scholarship for all four years of undergraduate study

*Relevant Coursework:* Algorithms, Data Structures, Web Development and Programming, Database Design and Web Implementation, Computer Security, Computer Systems Organization, Discrete Mathematics, Linear Algebra, Probability and Statistics, Multivariable Calculus

**Louisville Collegiate School**, Louisville, Kentucky, USA

August 2010-May 2014

High School Diploma, Valedictorian, 3.8 GPA

*Clubs/Activities:* Mu Alpha Theta (Math Honors Society, Founding Member, President), Chinese Club (Founding Member, President), Student Ambassador, Students Against Destructive Decisions Member

*Honors:* Chinese Honor Society, National Honor Society, AP Scholar, Chinese Award

## **SKILLS**

**Language:** English, Fluent; Chinese, Intermediate

**Software:** Terminal/UNIX, Mac OS, Windows OS, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Adobe Photoshop, Adobe Illustrator, Latex, Sublime

**Computer Languages:** Python, Java, HTML5, CSS3, JavaScript (jQuery, AJAX, JSON), PHP, MySQL

## **PROFESSIONAL EXPERIENCE**

**iD Tech Louisville Summer Camp**, Louisville, Kentucky, USA

June-July 2016

*Lead Instructor*

- Taught Java, JavaScript, and Tynker to children ranging from 7-17 years old
- Created my own lesson plans to teach campers the course material
- Lead team to 5<sup>th</sup> highest rated camp in parent satisfaction and 7<sup>th</sup> highest in camper satisfaction

**Stantec Engineering Consulting Firm**, Louisville, Kentucky, USA

March 2013

*Job Shadowing*

- Shadowed multiple jobs in the engineering firm for one week
- Studied alongside civil engineers for an important new bridge project in Louisville, KY
- Studied work of an airport engineer, mechanical engineers, and computer engineers

## **LEADERSHIP & COMMUNITY INVOLVEMENT**

**NYU Hackathon (HackNYU)**, Shanghai, China

February 2016

- Worked with a team to create a website using HTML and CSS along with Bootstrap
- Learned teamwork skills to organize our ideas and code with the 48 hour time period

**President of Student Google Club Leadership Team**, Abu Dhabi, UAE

August-December 2015

- Worked with a team to create events to spread knowledge of computer science and engineering
- Learned teamwork skills to organize events and co-host events with Women in STEM Club
- Lead a group of students and helped assign positions and duties for each team member
- Met with guest speakers and helped organize talks at NYU Abu Dhabi

**Innovator Finalist**, Abu Dhabi, UAE

March 2015

- Our team's project built from scratch in January (below) was a finalist in the Innovator Challenge held in downtown Abu Dhabi
- Worked with a team to design a display
- Delivered a presentation of the team's project to hundreds of visitors

**Design and Innovation Project**, Abu Dhabi, UAE

January 2015

- Worked alongside three other students as a team
- Created a remote controlled robot which powered a sphere of diameter 30 cm from the inside
- Used Arduino to create the robot and controller in NYU Abu Dhabi's SuperLab
- Learned effective time management with a team