

NICHOLAS E. CUNNINGHAM

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SUMMARY OF QUALIFICATIONS

- Technologies/Languages: Scrum/Agile, Java, C, C++, Python, MySQL, Django, RESTful APIs, React.js, Git
- Experience with object-oriented programming, clean code, test driven development, configuration management, version control, algorithm design, web design, and database management
- Military veteran with extensive problem solving, leadership, and international communication experience
 - Secret Security Clearance (May 2020 – Present)

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER INTERN

May – August 2020

Lockheed Martin Rotary and Mission Systems

Remote

- Developed project workflow dashboard website for cross-domain security software in use at 1000+ installations
- Created a Bootstrap frontend with a Python backend, utilizing the Django framework for styling/database integration
- Consolidated workflow tracking tools from three teams, allowing efficient management of 70+ ongoing contracts

RESEARCH ENGINEER INTERN

May – August 2019

Lockheed Martin Space

Littleton, Colorado

- Constructed searchable skills database for Lockheed Martin Space subject matter experts; consolidated ~1500 skills into 28 core areas; facilitated collaboration with emerging technology experts at key university research centers
- Directed focus group research on usage of employee development tools; briefed recommendations to senior leaders
- Revamped Space Mentoring and University Engagement SharePoint sites; content accessible by 12,000+ employees

MANAGER, INTERNATIONAL STRATEGY

April 2010 – June 2017

United States Air Force

Ramstein, Germany

- Served as international strategy liaison on 14 foreign training deployments; performed first contact with foreign military and joint training plan development; represented the “face” of the American military to host nations
- Directly supervised 12 Airmen; promoted personal/professional development and adherence to regulations
- Integral part of a three-member crew responsible for operation of a \$70 million aircraft across ten combat zones

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Expected May 2021

Colorado State University

Fort Collins, Colorado

- GPA: 3.85

ASSOCIATE OF APPLIED SCIENCE IN AVIATION OPERATIONS

September 2016

Community College of the Air Force

By Correspondence

- GPA: 3.95

TECHNICAL PROJECTS

TRIP ITINERARY WEB APPLICATION – JAVA, REACT.JS, AGILE

- Semester-long, team-based, process-oriented project utilizing Agile/Scrum development methodologies
- Built a frontend with React and Leaflet, and a RESTful API through a backend written in Java and SQL
- Created algorithms for TSP optimization, JSON schema validation, and state-based graphical interaction
- Recognized by classmates and instructor for inter-team assistance above and beyond project requirements

MULTI-CLASS LIST ORGANIZER – C++

- Semester-long, individual project to read data from various inputs into several interacting classes for organization
- Allowed for selective output of object information based on command line arguments/options and preconditions
- Utilized interfaces, pointers/references, constructors, operator overloading, error handling, iteration, and templating

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