Cameron Jackson

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Computer Science major with experience that includes an internship, significant and complex academic and personal projects, and five years of experience as a cryptologic linguist in the United States Air Force. Development experience includes C++ and extensive web development using tools from the JavaScript ecosystem. Strong and consistent academic record in current studies and prior completed degree programs.

EDUCATION

B.S. Computer Science, Oregon State University - Corvallis, OR (expected 2020) GPA: 4.0
- Relevant coursework: Data Structures, Algorithms, Usability Engineering, Computer Architecture and Assembly, Discrete Mathematics, Introduction to Programming I & II

A.A.S. Intelligence Studies and Technology, Community College of the Air Force - Maxwell AFB, AL (Oct 2015) GPA: 4.0

A.A. Foreign Languages, Defense Language Institute - Monterey, CA (May 2015) GPA: 4.0

B.A. History, University of Texas - Austin, TX (May 2011) GPA: 3.99

EXPERIENCE

Software Engineer Intern, Accenture Federal Services - San Antonio, TX   Nov 2018 - May 2019
- Implemented a client's game rental service system with a front-end built in React, JavaScript, and HTML5/CSS.
- Developed an internal responsive web app using React, JavaScript, HTML5/CSS for use by sales teams to improve lead tracking and coordination.
- Collaborated with development teams to create unit tests for custom applications that resulted in 100% code coverage and successful deployment.
- Integrated existing applications with external services using SOAP, REST, and HTTP.
- Participated in professional development opportunities through Accenture and completed courses that included Agile Ways, Advanced Java, ITIL Fundamentals and Advanced JavaScript.

Cryptologic Linguist, US Air Force   May 2013 - Oct 2018
- Leveraged foreign language skills to provide exceptional reporting during high pressure operations.
- Managed a team of 23 intelligence analysts producing critical reports for national decision makers.
- Streamlined a month-long new hire training program to two weeks by emphasizing core skills.
- Automated manual data entry tasks using Python to reduce time requirement from three hours to five minutes.
- Completed the "Summer of Python": a 12-week Python course focused on solving big data problems.

PROJECTS

- **Hack** - Built a 16-bit computer from the ground up. Designed and tested all hardware components (logic gates, ALU, CPU, RAM) using Hardware Description Language and a Hardware Emulator. Wrote Assembler, Virtual Machine and Compiler using C++. Designed Operating System implementing basic I/O, math and memory management functionality. Finally, I coded a clone of the classic Snake Game in Jack to run on Hack.

- **Facial Recognition App** - Built a responsive web application that detects faces within an image. Front end built using HTML, CSS, React and JavaScript. Backend built using a Clarifai image recognition API and Node.js/Express for the server.

- **Personal Website** - A continuously-evolving playground to work on web development skills built on a custom created CSS Grid, HTML5 and JavaScript template.

SKILLS

C, C++, Java, UNIX and Windows development, Data Structures, Algorithms, Object-Oriented Programming, Apex, Python, Git, SQL, Jira, ITIL, HTML5, CSS, JavaScript, React, x86, GDB, Docker, Perl, Swift, AWS