JEFFREY CAVE

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JUNIOR SOFTWARE ENGINEER

Upcoming computer science graduate with an interest in the software industry. Strong foundational knowledge, quick learner, team focused. Looking for an opportunity to work with and learn from experienced software professionals while making a valuable impact.

PROFESSIONAL EXPERIENCE

ASRC Federal Mission Solutions   Moorestown, New Jersey
Configuration Management Intern   May 2018-Present

ASRC Federal Mission Solutions is a CMMI level 5 certified software development company that works on mission critical systems. Mentored in Configuration Management, Quality Assurance, and Element Configuration Management. Incorporated modern software development tools into software build process including Git, Jenkins, Maven, CMake, Coverity, Findbugs, Eclipse, and more. Also contributed to legacy build scripts.

Rutgers University   Camden, New Jersey
Undergraduate Researcher   May 2017-May 2018

Conducted research on Computational Geometry under the direction of Dr. Suneeta Ramaswami. Contributed by writing programs and sharing theoretical knowledge. Collaborated on a program that clipped acute angles from large polygons which was needed to test an efficient algorithm for triangulating polygons.

TECHNICAL KNOWLEDGE

Languages and Tools

Java, C, C++, Python, Ksh/Bash/Csh, HTML/CSS, Git, Jenkins, ClearCase, Maven, CMake, Eclipse

Linux

Significant knowledge and understanding of the Linux operating system. 4+ years of experience using, installing, and configuring a variety of distributions (Ubuntu, Debian, Fedora, Arch, OpenSUSE, RHEL, etc.) and assisted AFMS with establishing compatibility of build scripts with Linux.

Projects

- **Chegg/Stackoverflow 2.0 -** Worked with a group of students to create a revamped version of Chegg and Stackoverflow. I worked mostly on the server which was an Ubuntu instance of Amazon Lightsail. Used a traditional LAMP stack with the Flask framework in Python.

- **Chatroom -** Used client/server architecture to create a chatroom in C. Supports multiple client connections, creation of additional chat rooms, collection of chat history, etc. Required the use of multithreading and networking knowledge.

- **Portfolio -** Basic HTML/CSS and JavaScript to create jcavejr.github.io. Created to learn JavaScript for another project and display other projects.

- **SOAP -** An iOS app that analyzes a user's social media account to give recommendations on how the user can clean up their social media presence. Used Python to analye social media accounts and insert statistics and recommendations into a database. Worked on at HackNYU 2018.

EDUCATION

Rutgers University Honors College   Camden, New Jersey

B.S. in Computer Science   September 2016-May 2019
GPA: 3.9