Corey Edelman

Seeking a challenging position that will continue to develop and utilize my skills in Software Engineering

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Experience_____

The Boeing Company   *Seattle, WA*
(IT) Career Foundation Program – Software Development/Architecture   *June 2017 – Current*
- Developed/maintained internal web apps to automate processes using Java Spring, JSF, and PERL
- Developed metrics reports for production server testing to calculate automated processes cost savings
- Developed a data science solution predicting project status from data on prior projects to reduce resources spent reviewing enterprise project statuses. Model was built using Python/nltk/scikit-learn.
- Led the testing strategy for sustaining releases for Boeing's aircraft management SaaS.
- Developed preliminary architectural diagrams based on requirements from contracts with new customers.

The Boeing Company   *Huntington Beach, CA*
Information Technology Intern – Software Engineering/Enterprise Security   *May 2015 – August 2016*
- Assisted in rewriting an enterprise level database system using C# .NET, JavaScript, and Bootstrap
- Used MVC structures to develop each module and developed RESTful API functionality
- Discussed progress, set-backs, and performed code reviews in daily standups and weekly team meetings
- Gained an understanding of systems level architecture of an HR/Enterprise Security Database used within Boeing
- Completed an audit on Government Programs to reduce storage consumption and clean data
- Created user accounts and made front end changes to update the modules within the database

Itron   *West Union, SC*
Design Engineer Co-op   *January 2015- January 2016*
- Designed .NET desktop application solutions to automate the testing of electrical meter functions
- Wrote firmware level code in C for electric meter controllers
- Developed automated testing scripts to simulate meter functions
- Learned firmware tools such as JTAG interface, debugging, code flashing, and compiling

Projects_____

RFID Inventory System
- Inventory check-in/customer check-out inventory system built with custom microcontroller hardware that scans RFID passive tags. A Java Android application was created that communicates via Bluetooth with the embedded hardware to manage inventory and ring up customers.

Web Development
- Built and maintained the website for my fraternity chapter at Clemson University. Built using HTML, CSS, and JavaScript.
- Created a personal website/blog using ReactJs for the front end. Website content and blog posts are served from a RESTful API built with Django/Python.
- Built an Amazon Alexa Skill to update users on trending Kanye West tweets. Written in Python and deployed on AWS Lambda
- Built a web-service to query food specials based on user defined filters to procure an accurate menu for the user. Implemented user authentication, personalized landing pages, and dynamic server side rendered webpages. Frontend built using HTML, CSS/ Bootstrap, JavaScript. Backend uses Django/Python and PostgreSQL. Project is deployed on Heroku cloud services.

Technical Skills_____

Languages: C, C#, C++, Go, Java, Python
Web: HTML/CSS/JavaScript, Bootstrap, React.js, Redux, jQuery, .NET, Django, Spring
Software/Tools: Linux, Vim, Visual Studio, Git, TFS, Clearcase, AWS,

Education_____

Bachelor of Science, Computer Science
Clemson University, Clemson, SC   *Graduated May 2017*