Corban Mailloux

Software Engineer

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A motivated, thoughtful software developer, with a desire to crack open and solve problems from mundane to complex.
Seeking a co-op position for Spring - Summer 2016.

EDUCATION

Rochester Institute of Technology
B.S. Software Engineering, Communication concentration, Computer Security application domain, expected May 2017
GPA: 3.41 / 4.00
Classes: Software Testing, Software System Requirements and Architecture, Human-Centered Requirements and Design, Software Process and Project Management, Web Engineering, Engineering of Software Subsystems, Mathematical Models of Software, Data Structures Problem Solving, Object-Oriented Programming, Discrete Mathematics I and II, Engineering Fundamentals of Computer Systems, Engineering Secure Software, Fundamentals of Computing Security

Dean's List - Fall/Spring 2013 - 2015, *Rochester Institute of Technology - Golisano College of Computing and Information Sciences*

Skills: C#, Python, Java, HTML, CSS, Progress 4GL, Git, Django, Visual Studio, Eclipse, Android Studio, Software Documentation, Public Relations, Arduino

EMPLOYMENT

Mobius Works, LLC, *Junior Developer*, Westfield, MA   May 2013 - Current
- Work with customers to establish complete requirement documentation and estimates
- Develop software in C# and Progress 4GL/OpenEdge ABL
- Travel on-site to work directly with customers to develop complete solutions

Atalasoft, a Kofax Company, *Software Development Intern*   Jul 2012 - Sep 2012
- Evaluated existing documentation
- Tested new software

Corb.co, *Founder; Computer Technician*, Montague, MA   2009 - 2012
- Computer installation, repair, maintenance and technical advice
- Design and creation of simple, accessible programs
- On-site computer training for individuals in general computer competencies

PROJECTS

Bucketeer.me
An online application that lets you record and track goals that are on your bucketlist. Bucketeer allows you to view the aspirations and achievements of your friends while also congratulating you for completing goals of your own. Created during RIT's 2015 BrickHack with a team, winning "Best use of Digital Ocean."

LED-Marquee
A custom built LED display that scrolls messages entered by texting the associated phone number. Built using Python.

RGBWeb - Web-controllable RGB LED Lighting
RGB LED lights controllable over the internet using PHP and Arduino.

Toolshare
Python-based website to facilitate sharing of tools within a community. Developed for class with real-world, changing requirements.

Fuzzify
Website fuzzer tool for security testing. Developed for class with a group.

PC-O-Meter
Uses a servo, RF communication, and a Raspberry Pi to indicate the current "political correct-ness" of the Society of Software Engineers' lab.

VOLUNTEERING

Society of Software Engineers @ RIT, *Public Relations Committee Head*   May 2013 - Jan 2014
Managed a committee and maintained communications with companies and alumni interested in partnerships with the Society of Software Engineers.

Society of Software Engineers @ RIT, *Public Relations Agent*   Sep 2012 - May 2013
Helped maintained communications with companies and alumni interested in partnerships with the Society of Software Engineers.