

Austin Bruch

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727-254-9322

Education

- University of Florida – B.S. Computer Engineering – Software Focus (Mathematics Minor) May 2015
 - Cumulative GPA: 4.00
 - Major Coursework: Design Patterns in OOP, Data Structures and Algorithms, Database Systems, Operating Systems, Computer Networks, Malware Reverse Engineering, Computer Organization, Microprocessor Applications, Digital Design, Discrete Mathematics, Linear Algebra, Differential Equations, Number Theory, Numerical Analysis

Experience

- Software Engineer – IBM Security – Raleigh, North Carolina (9/2015 – current)
 - Project: IBM Cloud Security Enforcer
 - Responsibilities:
 - Develop Web UI Application (AngularJS and Java)
 - Rotational on-call for DevOps procedures
- Integrated Product and Process Design (IPPD) – The Walt Disney Company (8/2014 – 5/2015)
 - Project: IPv6 Automated Device Management
 - Responsibilities:
 - Backend Database Design
 - Python Database API Design and Implementation
- Intern Software Developer – IBM Security Systems – Austin, Texas
 - Three terms (Summer 2012, Summer 2013, and Summer 2014)
 - Project: IBM Security Access Manager (ISAM)
 - Responsibilities:
 - Developed RESTful Web APIs for ISAM Management Portal
 - UI Test Automation using Selenium WebDriver

Skills

- Intermediate/Advanced Knowledge
 - Java, JavaEE, Python, AngularJS, JavaScript, HTML, CSS, SQL, Objective-C, Agile Methodologies, Android Development, iOS Development, Eclipse IDE, Selenium UI Automation, Eclipse ADT, Xcode IDE, Git Version Control, RTC – Jazz Source Control, OAuth 2.0, Mac OS X, Windows OS
- Basic Knowledge
 - C++, C, PHP, x86 Assembly, VBScript, UNIX Shell Script, Windows Batch, VHDL, cURL, Perl, NodeJS, PuTTY SSH, Cygwin, UNIX OS, Quartus, TI DSP Assembly

Extracurricular Activities / Projects

- Developed Multiplatform Mobile/Web Application (Android, iOS, Web)
 - Backend Database Design, Application Logic on both Android and iOS platforms, Frontend Design
- RaspberryPi Home Automation Projects
 - Automated outlet control and light timer, Home entry detection system
- Math tutoring for middle school students (2009 – 2014)

Involvement

- University of Florida Software Development Club
- The Honor Society of Phi Kappa Phi
- Golden Key International Honour Society
- University of Florida Institute of Electrical and Electronics Engineers (IEEE)

References available upon request