

Austin Bruch

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Research Triangle Area, North Carolina

727-254-9322

Experience

- Software Engineer III – IBM Security – Raleigh, North Carolina (5/2019 – current)
- Software Engineer II – IBM Security – Raleigh, North Carolina (4/2017 – 5/2019)
 - Project: IBM Cloud Identity
 - Front end development (React, TypeScript, AngularJS, Java)
 - Back end development (Java)
- Software Engineer – IBM Security – Raleigh, North Carolina (9/2015 – 4/2017)
 - Project: IBM Cloud Security Enforcer
 - 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
 - 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)
 - Developed RESTful Web APIs for ISAM Management Portal
 - UI Test Automation using Selenium WebDriver

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

Skills

- Intermediate/Advanced Knowledge
 - Java, JavaEE, JavaScript, TypeScript, NodeJS, React, AngularJS, HTML, CSS, npm, Python, SQL, Git Version Control, Objective-C, Agile Methodologies, Android Development, iOS Development, Eclipse IDE, Selenium UI Automation, Eclipse ADT, Xcode IDE, RTC – Jazz Source Control, OAuth 2.0
- Basic Knowledge
 - C++, C, PHP, x86 Assembly, VBScript, UNIX Shell Script, Windows Batch, VHDL, cURL, Perl, 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 electrical outlet control and light timer, Home entry detection system

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)