

Austin Bruch

brucha220@gmail.com

Research Triangle Park Area, North Carolina

727-254-9322

Experience

- *Software Developer* - SAS Institute - RQS Division - Cary, NC (April 2020 - present)
 - Full stack development engineer focusing on front-end development using React, Redux
- *Advisory Software Engineer* - IBM - Security Division - RTP, NC (May 2019 - April 2020)
 - Technical lead of scrum team
 - Project: IBM Cloud Identity (SaaS Identity and Access Management offering)
 - Front end development using React, TypeScript, AngularJS, Sass, and others
 - Back end development using Java EE, JAX-RS, and others
 - Designed and implemented incremental migration strategy from AngularJS-based web app to using React and TypeScript
 - Built custom i18n webpack plugin for dynamic build-time support of translatable content
 - Established best practices and coding guidelines for project
 - Performed code review for globally distributed team of 15+ developers
- *Staff Software Engineer* - IBM - Security Division - RTP, NC (April 2017 - May 2019)
 - Full stack development engineer, same technologies and product as above
- *Instructional Staff* - Trilogy Education Services - RTP, NC (March 2019 - present)
 - Instructor and TA in Full Stack Web Development Coding Bootcamp
- *Software Engineer* - IBM - Security Division - RTP, NC (September 2015 - April 2017)
 - Project: IBM Cloud Security Enforcer (SaaS Security Broker offering)
 - Full stack development engineer, building Web Application using AngularJS and Java EE
- *Integrated Product and Process Design* - The Walt Disney Company (August 2014 - May 2015)
 - Senior project at University of Florida
 - Backend database design and Python RESTful API design and implementation for an IPv6 Network-based Automated Device Management project
- *Intern Software Developer* - IBM - Security Division - Austin, TX (Summer 2012, 2013, and 2014)
 - Project: IBM Security Access Manager
 - Developed RESTful Web APIs using Java EE (JAX-RS)
 - UI Test Automation using Selenium WebDriver on Java platform

Education

- University of Florida - B.S. Computer Engineering - Software Focus with Mathematics Minor
 - Graduated May 2015 with 4.00 cumulative GPA
 - Major Coursework: Design Patterns in Object-Oriented Programming, Data Structures and Algorithms, Database Systems, Operating Systems, Computer Networks, Computer Organization, Discrete Mathematics, Linear Algebra, Number Theory

Skills

- Technologies
 - Intermediate/Advanced Knowledge
 - Java, Java EE, TypeScript, JavaScript, NodeJS, React, webpack, Redux, HTML, CSS, Sass, Less, Express, AngularJS, Python, SQL, IBM WebSphere Liberty Profile
 - Proficient Knowledge
 - MongoDB, CouchDB, Docker, Docker Compose, ZooKeeper, Bash, Selenium UI Automation, Cucumber, Jenkins, ELK stack (Elastic, Logstash, Kibana)
- IT/Software Engineering Methodologies and Development Tools
 - Agile, Scrum, Continuous Integration/Continuous Delivery (CI/CD), Microservices
 - Git SCM, GitHub, JIRA, RTC, VSCode, Eclipse

References available upon request