

ADITYA PRASAD

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EDUCATION

The University of Texas at Austin, College of Natural Sciences – Austin, TX

Aug 2015 – May 2019

- Bachelor of Science: Computer Science with Cybersecurity Certificate
- GPA: 3.31 out of 4.00

TECHNICAL SKILLS

- **JVM:** Java, Scala, Android
- **Python:** Flask, SQLAlchemy
- **JavaScript/HTML/CSS:** Node.js, Knockout.js, Less.js, Jinja, Bootstrap
- **SQL:** MySQL, PostgreSQL
- **Testing:** Selenium, JUnit, NUnit, unittest (Python), Postman
- **Other Tools:** Git, Docker, AWS (EC2, ELB, Route 53)

EXPERIENCE

Delphix – Software Engineering Intern – San Francisco, CA

May – Aug 2018

- Built a notification system for the data management self-service portal. Back-end and server-side API changes using Java, client-side changes using JavaScript, and database schema changes using PostgreSQL
- Designed the new front-end using the Knockout.js framework and collaborated with Director of UX to create a simple and intuitive workflow
- Provided a feature walkthrough and a working demo in a company-wide presentation

Esurance - SDET Intern – San Francisco, CA

July – Aug 2017

- Responsible for maintaining the testing frameworks for the front and back ends of Esurance's application
- Refactored section of frontend test framework to make testing patterns more declarative and readable
- Wrote automated browser tests with Selenium API to test insurance policy purchase, saving, and retrieval
- Manually logged, tested, and tracked down bugs using iOS, Mac OS, Android, and Windows devices
- Performed regression testing prior to each major and minor release of Esurance's web application

Securus Technologies - Technology Intern – Houston, TX

Jun – Aug 2016

- Developed automated browser tests using Selenium and C# to test three web applications' UI functionality
- Investigated benefits of Selenium vs. other testing frameworks to determine best fit for engineering team's needs
- Presented research findings to Vice President of Software, Director of Quality Assurance, and QA team
- Presented my scripts to VP of Software and software engineering team
- Gained experience with Agile methodology by participating in daily scrums and weekly meetings
- Collaborated with Director of Quality Assurance to ensure information from user databases was being properly uploaded to the web applications for customer use

RELEVANT COURSEWORK

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|----------------------------------------------------------------------------------------------|--------------------------------|
| ▪ CS 314 Data Structures CS 429 Computer Organization & Architecture | Fall 2015 – Spring 2016 |
| ▪ CS 439 Principles of Computer Systems CS 347 Database Management | Fall 2016 |
| ▪ CS 331 Algorithms and Complexity CS 345 Programming Languages | Spring 2017 |
| ▪ CS 371 Object-Oriented Programming CS 356 Computer Networks | Fall 2017 |
| ▪ CS 373 Software Engineering | Spring 2018 |
| ▪ CS 378 Ethical Hacking CS 361 Intro to Computer Security CS 371R Information Retrieval | Fall 2018 |

ORGANIZATIONS

- Association for Computing Machinery Student Chapter – Member
- Omega Phi Gamma Fraternity – Web Master