

JENNIFER RETHI

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EDUCATION

The University of Texas at Austin, Austin, TX

May 2019

Bachelor of Science in Computer Science

Minor in Business Foundations

- GPA: 3.47

EXPERIENCE

CDK Global Internship – Java, Spring Boot, Docker, RESTful web services, Oracle SQL

June 2017 – August 2017

- Worked on a Data Security Platform called DataEdge where I picked up stories to improve features on the backend of web apps and libraries they used.
 - created a new common services library in Java to authorize and identify users. (deployed and in use)
 - Moved/ refactored a service from SOAP to REST, dockerized it and integrated with Swagger API framework to improve internal CDK daily business

CDK Instant – Node.js, Amazon Web Services, Alexa Skill Kit, SSML

July 2017

- Formed and led a hackathon team of 4 people to create an Amazon Alexa Skill. The skill targeted an Amazon Web Services Lambda function, hit a database management system, retrieved data about repair order events and echoed them back to the user. This improved daily business processes for car dealerships.

BizzBuzz – Ruby/Rails, Square, Twilio, Twitter APIs

August 2017

- Worked on a team of 4 to create a Rails application that would improve the sales of small business owners by simplifying their use of social media. The app pulled inventory data from the Square API and notified the user to post to Twitter by texting them through the Twilio Bot. Future improvements would use Twitter analytics API to get trending buzz words and notify the business owner of these on the front-end.

Personal Website- HTML, CSS, Bootstrap, JavaScript

December 2016

- Created my personal website using HTML, CSS, the Bootstrap framework and JavaScript

Pintos OS Extensions - C

Spring 2017

- A university group project involving the extension of a simple OS named 'Pintos'. Tasks included extending the system with threads, the ability to run user programs and virtual memory. The project placed emphasis on concurrency (implementing OS-level semaphores), debugging large systems and memory management.

COMMUNITY INVOLVEMENT

Women in Computer Science

Nell Dell Mentor Program Coordinator

Fall 2016- Spring 2017

- Coordinate and organize events for 70 freshman women and 30 mentors in UTCS
- Encourage and promote women in tech through professional and outreach opportunities
- Participated in planning an all female hackathon named WiCS Hacks

Vice President

Summer 2017 - Present

- Oversee and train new officers, coordinate with the CS department, share Presidential duties, coordinate and organize WiCS Hacks

HONORS/ACHIEVEMENTS

Square Code Camp

August 2017

- Completed and demoed a hackathon project with a team of 3 other women and participated in workshops on IOS, Web, and Ruby on Rails