

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
- Relevant Coursework: Data Structures, Operating Systems, Computer Organization and Architecture, Algorithms, Software Design

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 improved features on the backend of web apps and libraries they used.
 - Created a new common services library in **Java** using the **Spring Boot** Framework and **Maven** build tool to authorize and identify users. (deployed and in use)
 - Moved/ refactored a service from **SOAP** to **RESTful web services**, dockerized it and integrated with Swagger framework to improve internal CDK daily business

PROJECTS

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 written in **Node.js**, 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 in **Ruby** 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- (jenniferrethi.github.io) HTML, CSS, the Bootstrap framework and 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.

TECHNICAL SKILLS

Languages: Proficient in Java. Experience in C, Python, Node.js, Ruby/Rails, Oracle SQL

Web Development: Experience in HTML, Bootstrap Framework, CSS, JavaScript. Exposure to jQuery and Angular

COMMUNITY INVOLVEMENT

Women in Computer Science

Vice President

Summer 2017 - Present

- Oversee and train new officers, run general meetings, coordinate and organize WiCS all female Hackathon

Nell Dell Mentor Program Coordinator

Fall 2016- Spring 2017

- Coordinate and organize events for 70 freshman women and 30 mentors in UTCS, helped plan WiCS Hacks