

SKILLS

Languages	Java, JavaScript, TypeScript, C, C++, Verilog, Assembly, Python
Web Technologies	HTML5, CSS, SCSS, Angular, JSON, Bootstrap, REST API
Databases	MySQL, Oracle, AWS RDB, NoSQL
Frameworks & Tools	Spring, Maven, Tomcat, JPA, JDBC, Hibernate, Jupyter Notebooks, JIRA, BitBucket
Security Methods	OAuth 2.0, JWT Token, Spring Security, HTTPS

EXPERIENCE

Princeton IT Services Inc, New York, NY

Mar 2018-Present

Software Developer

Project Description: Timekeeper is SaaS based product to keep track of employee time and expense management utilizing Spring Boot and Angular frameworks.

Technologies Used: Java, Spring Boot, Angular 6, Tomcat, MySQL, Jira, Balsamiq, MySQL Workbench, Chrome Webtools.

Responsibilities:

- Creating web services to serve up resources from a MySQL database following RESTful guidelines
- Consumed JSON responses using Angular 6 to retrieve data for users
- Generated single page Angular frontend with reactive web pages
- Following agile development practices using Jira and Bitbucket.
- Gathered and compiled client needs and created preliminary wire frames using Balsamiq
- Participated in creating wireframes(Balsamiq) and data modeling using MySQL workbench
- Secure backend Spring Boot server with OAuth 2.0, JWT Tokens, and HTTPS

EDUCATION

Pennsylvania State University, State College, PA

Aug 2014– May 2018

Bachelor of Science, Computer Engineering

Coursework: Object Oriented Prog. w/ Web-Based Apps (Java Programming), Operating Systems, Microprocessors & Embedded Systems, Software Design Methods, Data Structures and Algorithms, Communication Networks, Systems Programming, Database Management Systems, Discrete Mathematics for CS, Concurrent Scientific Programming

PROJECTS

iMedSoft, Princeton, NJ

Jun 2017 – Aug 2017

Software Developer Intern

Project Description: Uploading and processing TB scale health care data using an Azure Hadoop based cloud. The data was compiled and statistically analyzed to find any anomalies.

Technologies used: Python, Azure, Hadoop, Spark, Jupyter Notebooks, Python, Java

- Uploaded and processed large volume data on an Azure cloud.
- Developed Android application to communicate with the cloud storage utilizing QR codes
- Utilized Jupyter notebooks to merge multiple data sources and generate flat files.

Princeton IT Services Inc, New York, NY

Jun 2016-Aug 2016

Software Developer Intern- Venue Now

Project Description:

Venue now is a web application allowing users to search and reserve conference rooms using online payment. The application is hosted on an AWS cloud and uses the latest technologies and security configurations.

Technologies Used: AngularJS, Bootstrap, MySQL, AWS, Git

- Created a full stack-application to search and reserve conference rooms
- Utilized AngularJS to implement a responsive UI
- Implemented backend using Java and MySQL database
- Allowed for hosting on Amazon servers, as well as customer data centers