

Jonathan Hrang

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EDUCATION

University of Colorado Boulder | Boulder, CO
Master of Science in Data Science

2022-2024

Florida State University | Tallahassee, FL

2018-2019

Bachelor of Science in Information Technology, Minor in Computer Science

Leaderships: AITP Club Secretary 2018-20 and Technole Club Logistic Team Lead 2018-20

Relevant Courses: Research and Data Analysis, Database Concepts, Intermediate Database Analysis, Business Statistics, Java Programming I, Intro to Unix, Information System & Services

LANGUAGES AND TECHNOLOGIES

Languages: Java, SQL, Python, Bash, PowerShell, TypeScript, JavaScript, HTML, CSS

Technologies: Azure, Github, Bitbucket, JIRA, Unix, MySQL Workbench, Oracle SQL Developer, Android Studio, IntelliJ, MAMP, Google Analytics, PeopleSoft, Qlik, JDA Demand, Docker, Jenkins, Linux OS, Window OS, Mac OS, TFS, NestJS

EXPERIENCE

IT Search Specialist and Infrastructure Engineer | General Motors | Austin, TX

Oct 2021 – Present

Software Developer | General Motors | Austin, TX

Jan 2020 – Oct 2021

- Developed front end and backend applications using Angular and NestJS framework for internal consumer to view reports.
- Developed Mobile application using Flutter to visualize high valued business data.
- Wrote SQL Queries and designed database for new features and implement it based on business requirements.
- Assisted Business Analysts and different teams during application onboarding process.
- Wrote unit test cases using Jest for backend API and able to produce 100% code coverage.
- Implement new features in existing applications for our business consumers.

ERP Analyst Intern | Florida State University | Tallahassee, FL

Sept 2019 – Dec 2019

- Research and compare Selenium Suite vs PeopleSoft Test Framework for the teams to implement.
- Create and update automated testing scripts using both Selenium IDE and PeopleSoft Test Framework.
- Write a software documentation for the teams so that they can further develop and continue implementation.

Software Engineer Intern | Open Learning Exchange | Cambridge, MA

Aug 2019 – Sep 2019

- Alert any issue related to OLE android app and assist in solving them.
- Suggest new ideas and design for OLE app and implement those using Android Studio.
- Check and approve new issues on GitHub and merge the pull request from prospective interns.

Forecast Analyst Intern | Office Depot HQ | Boca Raton, FL

May 2019 – Aug 2019

- Analyzed departments SKU to make a good forecast by looking at historical trends and various factors using JDA.
- Wrote SQL Queries using Oracle Developer to create reports from JDA database.
- Partnered with the manager and successfully modify the exception table in the JDA system.
- **Placed second in the Interns Innovation Group Competition.**