

Bryce Hrusovsky

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Education

Michigan State University

Aug 2013 - Dec 2019

Computer Science & Engineering, B.S. | w/Business Cognate

GPA: 3.34/4.00 | Major GPA: 3.35/4.00

Experience

Quavo

Systems Architect Engineer, Intern

May 2019 - Present

- Built a **PEGA** application from the ground up laying the base foundation for the clients new back-end project.
- Learned/Utilized PEGA development platform environment that's deployed using AWS.
- Utilized client APIs for development of their new back-end.
- Host online demonstrations of the product with clients between sprints, providing information for clients on the current status of the project.

Michigan State University

Teaching Assistant - Trigonometry/Object Oriented Programming

Aug 2017 - May 2019

- Assist students in the design and implementation of their programming assignments using **C++**
- Teach relevant CS patterns and fundamentals: abstract, composite, adaptor, etc...
- Lecture, grade, and proctor for 60+ students on a weekly basis teaching/reviewing class information.

Southern Glazers Wine & Spirits

Supply-Chain Management, Intern

June 2016 - Aug 2016

- Responsible for functional assignments within a 420,000 square ft wholesale distribution center at a 24/7 premier facility. Assisting with the processing of nearly 70k products daily.
- Shadow line management gaining valuable leadership experience within the operations facility.
- Prioritize projects to achieve goals within a deadline driven environment.

Projects

SQLite Database

Jan 2019 - May 2019

- Created a SQLite-like database using **Python** that lexes, parses, and interprets SQL.
- Implemented joins, transactions, concurrency control, custom aggregate functions, collations, views, etc.

Michigan State University Capstone Project: Team Microsoft

Aug 2019 - Present

ITPro Company Portal

- Improve and build upon ITPro company portal UI on Android/IOS/Windows.
- Completely renovate current project eliminating dead code, and increase overall efficiency.
- Utilized technologies: Xamarin, C#, Azure DevOps, Rest

Skills

- **Languages:** Python, Pega, JavaScript, C/C++, Java, SQL, PHP
- **Other:** Git, Agile/Scrum, Linux/Unix, pytest, Amazon Web Services

Course Electives

- **CSE 410:** Operating Systems
- **CSE 422:** Computer Networks
- **CSE 435:** Software Engineering
- **CSE 440:** Intro to AI
- **CSE 477:** Web App Architecture & Develop
- **CSE 480:** Databases