
Jacob Swart

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EDUCATION

University of Michigan - Bachelors of Science in Computer Science - GPA 3.2/4.0 *(May 2020)*

- Minor in General Philosophy

EXPERIENCE

Software Engineer (*Sterling Computer Consultants*) *(2020 – Present)*

- Working in a full-stack position (C#, SQL, Javascript, MVC/LINQ/Kendo) to develop Finys, a casualty and property insurance program for client insurance companies.
- Currently an agile team leader representing our company with the Virginia Farm Bureau, who currently operates a ~\$400 million book of business.
- Cultivated important skills including interpersonal communications, team dynamics, dependability, client-facing management, providing estimates, and delegating team tasks.
- Maintaining and developing a 10+ Terabyte SQL database across QA & production environments.
- Providing solutions to both live production issues and in-development processes while interfacing with various levels of client professionals.

Significant University Courses: Data Structures & Algorithms, Mobile App Development & Entrepreneurship, User Interface Development, Web Systems, Introduction to Computer Security, Database Management Systems.

University Projects:

- Insta485 (Python/HTML) -
 - Performed full-stack development on an Instagram-like website successfully hosted on AWS.
 - Constructed static pages from templates as well as both server-side/client-side dynamic pages.
 - Applied version control and remote teamwork using git/GitHub with a team of three students.
- Delivr App (Java/XML) -
 - Created front-end code for an Android mobile app focused on grocery/food delivery services.
 - Utilized agile development methodology in sprints with a team of seven other students.
 - Successfully published on the Google Play store and presented at the UofM Design Expo.

*Some projects are viewable on my personal website, jrswart.com, hosted through AWS and SSL-certified.

SKILLS

Languages: Experience with C#, C++, CSS, HTML, JavaScript, and SQL.

Applications: Experience with Visual Studio, Microsoft SQL Server, and Team Foundation Server.