

David Hamel

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SKILLS

Languages Python, C/C++, Java, SQL, Javascript, HTML/CSS, SAIL

Database Management Oracle Database, MySQL, MS SQL Server, JPA, SSIS

Project Management Scrum, SAFe, Sprint Planning, Backlog Management, Demos, 508 Compliance

PROFESSIONAL EXPERIENCE

Macedon Technologies

Reston, VA

Senior Consultant

Oct 2019 – Present

Consultant

Aug 2018-Oct 2019

- Built multiple systems to export complex data structures as PDFs
- Integrated with DocuSign to apply digital signatures to PDFs
- Created a Gantt chart with drill down functionality by extending the Google Charts API
- Designed the database architecture for a healthcare project to be scalable and flexible
- Improved code quality of a legacy code base by creating reusable components, modularizing large code blocks, and refactoring when necessary
- Updated the design of a message board component to use current best practices and improved the user experience by over 75%
- Conducted code reviews for a team of eight developers to enforce technical and stylistic standards
- Demonstrated large feature sets to a variety of technical and non-technical audiences
- Improved team velocity by planning feasible sprints with minimal bottlenecks

Binghamton Student Association

Binghamton, NY

Web Developer

Aug 2017 – May 2018

- Created macros and scripts for the Vice President of Finance's office to streamline outdated workflows
- Created a wiki to better organize technology systems for current and future developers
- Worked with Student Association E-Board to redesign and update outdated aspects of the Student Association website

Berkley Custom Insurance Managers

Stanford, CT

Data Warehouse Development Intern

Sep 2017 – Dec 2017

- Created an automated deployment process within SSIS to promote SQL to higher environments
- Implemented a balancing routine to verify policy earnings data across environments

PROJECT EXPERIENCE

Ballot Breakdown - Hack AE

- Built a website using Bootstrap to help voters learn about their candidates for the 2016 election
- Integrated with Google's Civic Information API to pull applicable candidates based on the user's address

Speedr - Hack BU

- Developed a Pebble Smartwatch app to alert drivers when they exceed the speed limit
- Used GPS data from the connected phone to calculate speed
- Incorporated the Google Maps API to dynamically obtain the speed limit of the road

EDUCATION

Binghamton University, Thomas J. Watson School of Engineering

Binghamton, NY

Bachelor of Science in Computer Science

Aug 2014 – May 2018

Minor in Economics