WALKER HILDEBRAND

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 wbhildeb   in wbhildeb

TECHNICAL STRENGTHS

Languages	C# · Java · VB.NET · SQL · C · C++ · Python · Bash · HTML/CSS
Tools	.NET Framework · Visual Studio · UNIX · GitHub · Netbeans · Atlassian Tools

WORK EXPERIENCE

Payworks | Software Developer   *May 2018 - Present*

- Deployed the automated testing framework, developing it from its preliminary phase.
- Reinvented the method of interacting with grids on the site, drastically simplifying the process of mapping new tables.
- Optimized element construction within the framework, reducing duplicated code by 92%.
- Built the system for automatically navigating through the site.

Sweet Tops Ice Cream | Freelance Developer   *May 2017 - Aug 2017*

- Developed a Java desktop application for a business of 30+ employees that allows easy schedule management and remote schedule viewing for employees through automatic upload to Google Drive.
- Created a graphical user interface using Swing, implementing an intuitive and professional design.
- Integrated a relational database to store employee and shift data using SQLite3 and JDBC.

SIDE PROJECTS

 Propositional Logic Calculator (C#, .NET Framework)   *Sep 2018*

- Built a program that parses string input into a well-formed propositional formula.
- Created functionality that allows the user to automatically generate graphical valuation tables.

 Multiple Choice Quizzer (Java, Python)   *Mar 2017*

- Wrote a program that parses text files containing multiple choice questions into a single XML file.
- Developed an application that lets a user quiz themselves through an intuitive GUI.
- Implemented features that allow users to save questions as well as add their own.

 Poker Statistics Calculator (Java, Swing GUI)   *Dec 2016*

- Created a desktop application that calculates the odds of winning a hand in Texas Hold'em Poker.
- Designed the core algorithms and refined them thoroughly for efficiency and accuracy.

AWARDS

Third place in University of Manitoba Math Contest	*2017*
Top 15% in Euclid Mathematics Contest	*2017*
Certificate of Distinction in Fermat Mathematics Contest	*2016*
Winnipeg School Division Book Awards for Academic Achievement (x3)	*2014 - 2016*

EDUCATION

University of Waterloo   *Expected Jun 2022*
Bachelor of Computer Science   *President's Scholarship of Distinction*