

Simon Harris

Education

- 2018 - Present **Software Engineering**, 42 School Silicon Valley.
Non-traditional Project-based curriculum.
NPO Organization that a free-tuition, coding-only, self-driven programming school. Students research bare fundamentals in C and they must construct their own tools to solve projects.
- 2015-2019 **BS Computer Information Systems**, DeVry University, GPA – 3.93.
Database Management Concentration. Honors
Broad understanding of IT systems with a focus on MySQL database systems. Also covered Networking, security, hardware, scripting, programming, design methodologies, leadership, and other general education studies.

Projects

- 2018 **FdF** -- 3D Heightmap wire frame visualizer
Used: C
- 2018 **ft_ls** -- Reconstruction of GNU's 'ls' (list) command
Used: C, System API
- 2017 **Online Ordering System** -- Net based windows application, logging hypothetical consumer sales into a database
Used: C#, MySQL

Work Experience

- 2009 - 2017 **Commercial Fisherman**, F/V Lady Simpson, Cordova, AK
Supervisor
Description Catch halibut and assist in salmon operations. Work random, sporadic, and often long hour constant changing demands of processors, fishers and weather. Establish safety standards cohesion.

Language Expertise

- Advanced C
Proficient C#, Java
Competent HTML5/CSS, Python, bash, C++, SQL

System Administration

- Proficient MySQL, Windows Server
Competent GNU/Linux, MacOS

Utilities, and Misc.

- Proficient OOP Design, Github, Vim, Debugging, Unit testing
Competent Google Cloud Platform, Microcontrollers, I2C, Electronics

Awards, Leadership, Membership

- Dean's List DeVry University (2015 Spring – 2018 Fall)
Mentorship HackHighSchool Student Mentor (Dec 2018 – Feb 2019)
Membership 42 Silicon Valley Robotics Team (Dec 2018 – Feb 2019)

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