

# Simon Harris

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## Education

2018 - Present	<b>Software Engineering</b> , 42 School Silicon Valley. <i>Non-traditional Project-based curriculum.</i> 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	<b>BS Computer Information Systems</b> , DeVry University, GPA – 3.93. <i>Database Management Concentration. Honors</i> 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	<b>FdF</b> -- 3D Heightmap wire frame visualizer Used: C
2018	<b>ft_ls</b> -- Reconstruction of GNU's 'ls' (list) command Used: C, System API
2017	<b>Online Ordering System</b> -- Net based windows application, logging hypothetical consumer sales into a database Used: C#, MySQL

## Work Experience

2009 - 2017	<b>Commercial Fisherman</b> , F/V Lady Simpson, Cordova, AK
Supervisor	<i>Rock Harris, Captain</i>
Description	Catch halibut and assist in salmon operations. Work random, sporadic, and often long hours under constant changing demands of processors, fishers and weather. Establish safety standards and 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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