

Finn Thompson

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I am a full stack developer with a passion for delivering excellent user-focused solutions.

I have programmed as a hobby for 8+ years while cultivating a user-focused mentality through my education.

Skills

Programming: Java, JavaScript, Python, HTML, CSS, Regex, React, jQuery, SQL, Chrome extensions
Technologies: Git, Markdown, VSCode, IntelliJ, Windows, Ubuntu, Arduino, Raspberry Pi, Figma
Holistic Skills: UX design, Agile, English/technical writing, teamwork and communication
Online Activity: [Stack Overflow](#) (23k+ reputation), [GitHub](#) (15+ repositories)

Projects

Smart Prescription Management Device (Team Capstone)

Python, C, Research

- Designed, developed, and assembled Arduino and Raspberry Pi prototypes
- Developed C and Python code to power the device and its touchscreen UI
- Led a usability research study to evaluate the first iteration of the prototype

Netflix Gamepad Interface Plugin

JavaScript, UI/UX

- Chrome extension providing an intuitive interface for controlling Netflix with a gamepad

Various JavaScript Libraries with Documentation

JavaScript, Tech Writing

- Developed FormPersistence.js, a library for persisting form data across refreshes or sessions
- Developed Gamepads.js, a library offering enhanced HTML5 gamepad support
- Co-developed pseudo:styler, a library for toggling CSS pseudo class styles on elements

UW Course Seat Claimer

Java, UI/UX

- Java GUI application that listens to a user's email inbox for open seat notifications on full classes and registers the user for the open seat, dropping conflicted courses if specified

Education

University of Washington

Seattle, WA

B.S. in Human Centered Design and Engineering

Sept. 2014 - June 2018

GPA: 3.65 overall, 3.8 in major

Experience

Shift Supervisor, Starbucks

Seattle, WA

- Empowered a team of baristas to deliver exceptional customer experiences
- Sustained customer ratings as one of the top stores in its district
- Voted Partner of the Quarter by my team in Summer 2016 as a barista

Oct. 2016 - Dec. 2018

Research Intern, Scripps Translational Science Institute

La Jolla, CA

- Developed a Java GUI application to save researchers time identifying gene relationships
- Designed a term frequency-inverse document frequency algorithm to rank results

May 2014 - June 2014

Developer / Project Lead, RuneDream

Reno, NV

- Designed and developed a Java application to automate gameplay of the game RuneScape
- Created a website and forum to deliver and support the application with 50k+ downloads

Jan. 2012 - May 2013