

Finn Thompson

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I am a full stack software developer with a passion for delivering excellent software solutions.

I have programmed extracurricularly 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

Netflix Controller Chrome Extension *JavaScript, UI/UX*

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

Various JavaScript Libraries, Published with Documentation *JavaScript, Tech Writing*

- FormPersistence.js - persist form data across page refreshes ([featured in JavaScript Weekly](#))
- Gamepads.js - add enhanced HTML5 gamepad support including button events and icons
- Pseudo:styler - toggle CSS pseudo class styles on elements (co-developer)

Smart Prescription Management Device (Team Capstone) *Python, UI/UX, 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

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
- Includes Computer Programming II, Web Programming, Physical Computing, Interactive Systems Design

Experience

Shift Supervisor, Starbucks *Seattle, WA*

- Empowered a team of baristas to deliver exceptional customer experiences *Oct. 2016 - Dec. 2018*
- Sustained customer ratings as one of the top stores in its district

Research Intern, Scripps Translational Science Institute *La Jolla, CA*

- Developed a Java GUI application to save researchers time identifying gene relationships *May 2014 - June 2014*
- Designed a term frequency-inverse document frequency algorithm to rank results

Developer / Project Lead, RuneDream *Reno, NV*

- Designed and developed a Java application to automate gameplay of the game RuneScape *Jan. 2012 - May 2013*
- Created a website, forum, and API to deliver and support the application with 50k+ downloads