Finn Thompson

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I am passionate about designing and delivering excellent object-oriented software solutions.
I have programmed extracurricularly for 8+ years while cultivating a user-focused mentality through my education.
Currently looking for an entry level position as a software engineer.

Skills

Programming:	Java, JavaScript, Python, HTML, CSS, Regex, React.js, Node.js, MySQL, Unit Testing (Jest)
Technologies:	Git, Markdown, VSCode, IntelliJ, Windows, Linux, Arduino, Figma, Chrome Extensions
Holistic Skills:	UX design, Agile, technical writing, usability research, teamwork, communication
Online Activity:	GitHub (15+ repositories), Stack Overflow (23k+ reputation)

Projects

Smart Prescription Management Device (Team Capstone)   *Python, UI/UX, Research*
- Developed a component framework in Python and C to control the device and its touchscreen UI
- Designed, developed, and assembled Arduino and Raspberry Pi prototypes
- Led a usability research study to evaluate the first iteration of the prototype

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)

Netflix Controller Chrome Extension   *JavaScript, UI/UX*
- Chrome extension providing an intuitive interface for controlling Netflix with a gamepad

UW Course Seat Claimer   *Java, UI/UX*
- Java GUI application that registers for classes when open seat email notifications are received

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 Creator, RuneDream   *Reno, NV*
- Developed a Java application to automate RuneScape gameplay, downloaded 50k+ times   *Jan. 2012 - May 2013*
- Worked with a team to create a website, forum, and plugin API to support the application