Finn Thompson

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Education

University of Washington, Seattle

B.S. in Human-Centered Design & Engineering (GPA: 3.8 HCDE, 3.65 cumulative)   **June 2018**

Experience

Shift Supervisor, Starbucks   **Seattle, WA • October 2016 - December 2018**

Led a team of baristas to deliver excellent customer experiences while working efficiently to complete cleaning and preparation tasks. Led the store's transition to a new task organization system for keeping the store clean, safe, and ready for operation.

Barista, Starbucks   **Seattle, WA • June 2015 - October 2016**

Served customers while delivering excellent customer experience, highlighted by my coworkers voting me as Partner of the Quarter in Summer 2016.

Research Intern, Scripps Translational Science Institute   **La Jolla, CA • May 2014**

Worked under Dr. Ali Torkamani, Director of Genome Informatics and Drug Discovery at Scripps. Developed a Java 7 GUI application implementing a term frequency–inverse document frequency function for searching a gene/symptom database and displaying relevant results.

Developer / Project Lead, RuneDream   **January 2012 - May 2013**

Designed and developed a Java 7 GUI application to automate gameplay of the popular online game RuneScape, with support for user-created automation plugins. Worked with a team to create a website and online community to deliver and support the application, which was downloaded over 50,000 times.

Projects

Smart Prescription Device Capstone

Team capstone project for Human-Centered Design & Engineering, sponsored by Seattle Children's Hospital's Anaesthesiology Department. We designed and developed a physical internet-connected device to track postoperative patients' opioid prescriptions and notify them when a new dose of medication is ready. My contributions included assembling and soldering electrical components (Arduino / Raspberry Pi), developing code (C / C++ / Python), and leading a usability research study to evaluate our first prototype.

Netflix Gamepad Interface

Chrome plugin designed to provide a user-friendly interface for controlling Netflix with a gamepad or game controller, allowing users to enjoy Netflix in a browser without sitting at their keyboard.

Dominion Randomizer

Web application that randomizes card sets, based on user-specified parameters, for the card game Dominion that requires players to randomly pick ten of up to hundreds of possible cards during game setup.

UW Course Seat Claimer

Java 8 GUI application designed to listen to a user's email inbox for open seat notifications on full classes and register the user for the open seat, dropping conflicting courses if specified.

Skills / Activities

Computer Languages: Java, Python, JavaScript, HTML/CSS, PHP, C/C++, MySQL, Regex

Technologies: Git, IntelliJ, VSCode, jQuery, Selenium, Windows, MacOS, Ubuntu, Arduino, Raspberry Pi

Other Skills: Strong English/technical writing (APIs / documentation), communication, teamwork

Online Activity: Stack Overflow (23k+ reputation), GitHub (10+ repositories)

Hobbies: Skiing, hiking, biking, disc golfing, video games, board games