BRENT HANOVER

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Computer Scientist, Mechanical Engineer

Problem solving developer skilled in object-oriented programming
Experienced designer in mechanical and software systems
Passionate about waste reduction, automation, machine learning, AI

TECHNICAL SKILLS

- Java, C, Python, R, HTML, CSS, Javascript
- IntelliJ, JUnit, Swing
- Mongo, Express, React, Node, Meteor
- Solidworks, AutoCAD, Office, ERP
- Sheet metal, 3D printing, machining, CNC, dies
- Git, Firebase, Agile/Scrum, Lean, Six Sigma

EDUCATION

Bachelors of Applied Science: Mechanical Engineering

University of British Columbia — Dean's List — 2010 — 2015

Bachelors of Computer Science

University of British Columbia — 4.0 GPA — 2018 — 2021

WORK EXPERIENCE

Software Development Intern

Amazon Vancouver — September - December 2019

- Bullet point that makes me sound super smart
- I haven't actually started at this job yet so idk what I'll even be doing tbh
- Third bullet point really rounds everything out

Manufacturing Engineer

Signify — 2015 — 2019

- Lead engineer for new product introduction to the factory, making up over 25% of yearly sales
- Led 4-12 person training sessions in lean manufacturing, leading to factory's Six Sigma certification
- Mechanical design of jigs, fixtures, multi-model assembly benches, value streams, fabrication cells
- Cost saving initiatives exceeding $170k/year, reduced cardboard waste by over 1 000 000ft^2/year

PROJECTS

BCS Hackathon 2019 — Haven — March 2019

- Created a web application using Node, React to relay information on safe injection sites, homeless shelters, etc
- Incorporated a Firebase database to show real-time capacity updates for homeless shelters
- Programmed NSC tags to be distributed downtown for phone-tap access to web application

Tetris — March 2019

- Recreated classic game in Java using a JFrame GUI, tested with JUnit testing
- Used JSON objects to save game data to disk, parsed JSON data to load state from file
- Introduced levels that increase difficulty, tracked scoring, incorporated music and sound effects

Workout Match — February 2019

- Created a MERN stack web application that connects users to gyms and personal trainers
- Users can search for trainers by tags, set up workout sessions, and leave reviews and comments