Tim Kaltenbach

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PROFILE

I am a current student at the University of Washington in Seattle, currently working on a degree in both Computer Science and Business. Currently a first-year student, I took numerous Dual and Concurrent Enrollment classes and expect to graduate in 2024. I have particular interests in Web Development and Machine Learning, and further my knowledge of them by working on relevant projects in my free time.

SKILLS

Java	Expert	ReactJS	Expert
JavaScript/HTML/CSS	Expert	C++	Experienced
Swift	Experienced	Python	Experienced

WEB DEVELOPMENT

Coding Project Lead, UW Dubvelopers

I manage and assist a team of computer science students in creating websites for organizations and businesses near our Campus.

JumpStart

After Designing the layout of a Job-Search website for a hackathon, I built it in plain JS/Css/Html, and worked on creating an autocomplete program to display possible job opportunities based on your input and preferences.

GrocerE

Made a front-end GUI for a hypothetical online marketplace, allowing users to create accounts, sign in and make lists of groceries they want to buy. The interface was built using Java and the Swing toolkit.

APP DEVELOPMENT

iOS Apps

Using Swift in XCode, I created two applications: First a time management program that allows users to input tasks and organize them by due date, and secondly a personality quiz that categorizes your personality based on your answers to questions regarding your habits and interests.

CERTIFICATIONS

Aug 2020 — Nov 2020

Deep Learning Specialization

Program to build and train neural networks, and utilize strategies to improve them. I learned the capabilities and consequences of deep learning, and used Python to tackle cases like speech recognition, music synthesis, and natural language processing.

May 2020 — Sep 2020

Strategic Business Management (UC Irvine)

SBM- Microeconomics and Macroeconomics

Two 10 week courses containing lessons in business, finance, operations management, marketing, statistics, business strategy, and organizational behavior. They combine business theory with macroeconomics principles, and contain lessons ranging from human resource management and finance to international business strategy.

Feb 2020

CAD Mechanical Design 1

CTE Credential by Precision Exams, requires comprehensive knowledge of engineering design, dimensioning standards and use of computer software to create technical drawings.

Mar 2020

Electronics 1 and 2

CTE Credentials by Precision Exams, require comprehensive knowledge of safety practices, equipment, digital systems, logic gates, circuits, electronic theory, soldering of components to circuit boards

EMPLOYMENT HISTORY

Jun 2019 — Aug 2021

Head Lifeguard, City of Campbell

Managed Lifeguards, created schedules, and handled in-person payments by patrons