Thomas More Lancaster

SW Beaverton, OR ▪ thomas.m.lancaster@gmail.com ▪ tlan2.github.io/portfolio

Skills

Languages: Python, Java, JavaScript, SQL

Technical: HTML, CSS, Git, Agile, Bootstrap, React, Data Structures, Algorithm Analysis, Statistical Modeling, Vim, Visual Studio Code, IntelliJ, Postgres SQL, Windows, Linux, MS/Google Office Suite

Certifications: AWS Certified Cloud Practitioner, Certified Associate in Project Management (CAPM), CompTIA A+

Projects

Phone Bill Application (Java) | GitHub
- Developed phone bill application in *Advanced Programming with Java* course that began as simple program and became HTTP servlet and fully functional Android app using Test Driven Development

Monopoly Simulation (Python) | GitHub
- Coded many features of the popular board game Monopoly and performed 100-turn simulation with 4 players

Batter On Deck (JavaScript, HTML, CSS) | GitHub | Website
- Planned, designed, and oversaw MLB player statistics dashboard that called MLB Data API with 1 other student

Pro Football Database (SQL)
- Designed and made Postgres SQL database using 10 years' worth of Pro Football data
- Executed 20 queries varying in complexity to find relevant information about pro football players

Financial Independence Calculator (React, JavaScript, HTML, CSS) | GitHub | Website
- Implemented calculator logic, form, results, and logo with 3 other students

Trivia App (JavaScript, HTML, CSS) | GitHub | Website
- Built and designed trivia website that made REST API calls to trivia data along with 2 other CS grad students

Tree Algorithm Performance Comparison (Python) | Report (PDF)
- Analyzed, tested, and documented insert, search, and delete operations of B-Trees, Red-Black Trees, and Binary Search Trees using modified Python code and datasets up to 1,000,000 random integers

SFTP Client (Java) | GitHub
- Practiced Agile methodology with group of 6 other students to create secure file transfer protocol client

Education

PORTLAND STATE UNIVERSITY | Portland, OR   2018 - 2020

Masters, Computer Science| Cumulative GPA: **3.93**

ST. PATRICK'S SEMINARY & UNIVERSITY | Menlo Park, CA   2014 – 2016

Pre-Theology Certification | Concentration: Philosophy & Religious Studies

CALIFORNIA POLYTECHNIC STATE UNIVERSITY | San Luis Obispo, CA   2007 – 2010

Bachelors, Business Administration | Concentration: Information Systems
- Used Oracle SQL and Microsoft Access to build car salesman database
- Executive Director of "May Madness" Basketball Tournament, VP of Finance & Sponsorship-Real Estate Club

Work Experience

KPMG | IT Audit Consultant | San Francisco, CA   09/2011 – 04/2012
- Performed IT compliance assessments including SOC 1 reports and IT SOX audits for Fortune 500 companies to address IT risks and gaps in business processes
- Led walkthrough meetings with process owners to obtain detailed understanding of their IT systems and business applications across variety of platforms

Other:

Teller | Wells Fargo | Portland, OR | 11/2017 – 04/2018

English Language Arts Teacher | St. Isidore's Catholic School | Yuba City, CA | 10/2016 – 06/2017

Summer Camp Manager | Yuba City Parks and Recreation | Yuba City, CA | 06/2014 – 08/2014

ESL Teacher | Beyond English | **Santiago, Chile** | 02/2013 – 05/2014

Activities & Interests

International Travel ▪ Volunteering ▪ Commissioner of Fantasy Football League ▪ Yoga ▪ Reading ▪ Basketball ▪ Hiking