

Thomas More Lancaster

SW Beaverton, OR ▪  thomasmorelancaster ▪  tlan2 ▪ tlan2.github.io

Skills

Languages: Python, Java, JavaScript, HTML, CSS, SQL, Data Structures, Algorithm Analysis, Statistical Modeling

Tools: Git, Agile, Linux/Vim, IntelliJ, Postgres SQL, Redis, Visual Studio Code, Google/Microsoft Office Suite

Certifications: Certified Associate in Project Management (CAPM), CompTIA's A+ Certification

Projects

Trivia App (JavaScript, HTML, CSS) | [GitHub](#)

- Along with 2 other CS grad students, built and designed trivia website that made REST Web API calls to Open Trivia Database which allowed user to decide difficulty, category, and number of questions

Financial Independence Calculator (React, JavaScript) | [GitHub](#)

- Implemented calculator form, results, and logo with 3 other students

Batter On Deck (JavaScript, HTML, CSS) | [GitHub](#)

- Planned, designed, and oversaw MLB player statistics dashboard that called MLB Data API with 1 other student

Fantasy Football Draft Calculator (Python, HTML, CSS) | [GitHub](#)

- Created and deployed full stack website Fantasy Football Auction Draft Calculator using Pandas and Flask

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

SFTP Client (Java) | [GitHub](#)

- Practiced Agile methodology with group of 6 other students to create secure file transfer protocol client

Pro Football Database (SQL)

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

Monopoly Simulation (Python) | [GitHub](#)

- Coded many features of the popular board game Monopoly and performed 100-turn simulation with 4 players

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

NBA Player Success Predictions (Python) | [Report \(PDF\)](#)

- Along with 3 other CS grad students, investigated relationship between NBA draft prospects data and career success using Logistic Regression, SVM, and Random Forest machine learning algorithms

Philia (UX) | [Prototype](#)

- Created and developed mobile app prototype that helps maintain long-distance relationships
- Reviewed academic papers, interviewed potential users, produced storyboards and designed prototype

Education

PORTLAND STATE UNIVERSITY | Portland, OR

2019 - 2020

CS Graduate Student | GPA: **3.93**

New Beginnings

2018 – 2019

- Accelerated nine-month graduate prep program equivalent to 4-year BS in Computer Science

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

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, VP of Beta Eta Pledge Class-Delta Sigma Pi, 1st Place Recipient in Accenture Consulting Competition

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 ▪ Spanish