

# Thomas More Lancaster

SW Beaverton, OR ▪ [tlan2.github.io/portfolio](https://tlan2.github.io/portfolio) ▪ [in thomasmorelancaster](https://www.linkedin.com/in/thomasmorelancaster) ▪ [tlan2](https://github.com/tlan2)

## Skills

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

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

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

## Projects

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**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

**Portfolio Website** (React, JavaScript, HTML, CSS) | [GitHub](#) | [Website](#)

- Designed and developed portfolio that includes more about myself, my projects, and books that influenced me

**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

**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

**Pro Football Database** (SQL)

- Designed and made Postgres SQL database using 10 years' worth of Pro Football data

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

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

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

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

**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

## Education

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**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

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**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

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