Raffi Lepejian
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Github
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Portfolio
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Education

Whitman College, Walla Walla, WA	May 2020
B.A. Economics-Mathematics and Statistics	
Certificate of Completion, UC Berkeley Web Development Boot Camp	March 2021

Academic Course Highlights

- Economics: Intermediate Micro and Macroeconomics, Game Theory, Econometrics (Stata, Excel), Mathematical Economics
- Computer Science: Computational Problem Solving (Python), Data Structures (C++), Object Oriented Programming Methodologies in Java, Intermediate Software Design in Java, Advanced Data Structures and Algorithms in Java, Introduction to AWS
- Math and Statistics: Calculus 1-3 (Multivariable), Linear Algebra, Differential Equations, Statistics with Applications (R statistical package), Probability Theory (R), Introduction to Higher Mathematics

Web Development Projects

- Project Mnemosyne
  - Live Site
  - An online yearbook generator made using react and sql
  - Languages: HTML5, CSS, JavaScript
- Project Tantalus
  - Live Site
  - Website resource for finding recipes or restaurants based on user input
  - Languages: HTML5, CSS, JavaScript
- Password Generator
  - Live Site
  - Website resource to generate passwords based on user specifications
  - Languages: HTML5, CSS, JavaScript
- Workday Scheduler
  - Live Site
  - Scheduler application utilizing client side storage to store and display events
  - Languages: HTML5, CSS, JavaScript

Skills

- Programming Languages: Python, C++, JavaScript, Java
- Web Development:
  - Markdown, Object-oriented Programming (OOP), Imperative Programming, Declarative Programming, Pseudocode, Data Structures and Algorithms, Frontend Development, Backend Development, Full Stack Development

- o Deployment:
    - Heroku, Github Pages
- o Frontend Development:
    - JSX, HTML5, CSS, React, React Hooks, jQuery, Serverside Templating (Handlebars.js)
- o Backend Development:
    - Java, Web API, Server Side API, Postman, AJAX, JSON, Sequelize, MySQL, ORM, Non-Relational Databases, Mongo DB, Mongoose, ODM, Client Side Storage, indexDB, ES6
- Project Management: Git, Github
- Statistical software: R, Stata
- Microsoft Office
- Basic MATLAB
- Basic AWS

Languages

- Spanish (fluent, bilingual)
- Japanese (basic)

Work Experience

Web Development Tutor   June 2021 – August 2022
2U, Inc

- Tutoring for Trilogy web development boot camps including UC Berkeley extension

Computed Tomography Imaging Intern   August 2019 – September 2019
Varex Imaging (Formerly a part of Varian), San Jose, CA

- Assisted in implementing a genetic algorithm to optimize parameters for CT reconstruction using python

Assistant Community Manager   June 2018 – August 2018
VMware, Palo Alto, CA

- Tracked metrics and analytics for VMware community marketing team using Salesforce marketing suite