Eric Berkovsky

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EDUCATION

University of Pennsylvania
Masters, Computer and Information Technology Jan. 2021 – Present

- **GPA:** 4.00
- **Coursework:** Data Structures, Algorithms, Software Development, Computer Systems, Discrete Mathematics

University of California, Berkeley – Haas School of Business
B.S. Business Administration Aug. 2016 – May. 2020

- **GPA:** 3.71
- **Coursework:** Calculus, Statistics, Finance, Investments, Business Analytics, Economics, Marketing, Accounting

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, SQL
Frameworks/Software: Django, jQuery, Bootstrap, MySQL, PostgreSQL
Cloud: Amazon Web Services

WORK EXPERIENCE

University of Pennsylvania
Teaching Assistant – CIT 594: Data Structures & Software Design Aug. 2021 – Present

- Holding weekly office hours and recitation sections to help students reach a better understanding of course content
- Monitoring and responding to student questions through an online forum
- Providing one-on-one support to struggling students as necessary
- Meeting regularly with other course staff to discuss student progress and assist with ongoing updates to the curriculum

Udemy, Inc.
Financial Planning and Analysis Intern Jun. 2019 – Aug. 2019

- Developed a unit economics model used by senior management to determine company strategy and marketing spending
- Explored monthly variances between budgets and spending for multiple teams and presented the results to managers to help guide their financial decision making
- Created a choice of new models to analyze and visualize weekly changes in key performance indicators

PROJECTS

Big West Rotaract Foundation
Cloud Administrator Jun. 2020 – Present
Technologies: *Amazon Web Services, Lightsail, Route 53, Linux, Nginx*

- Creating, maintaining, and overseeing security for personalized AWS Lightsail instances for Rotaract clubs across the West Coast of North America
- Working closely with club webmasters to ensure their websites are successfully deployed and meet their needs

rotaractmaps.com Aug. 2020 – Present
Technologies: *Python, Django, jQuery, Leaflet, HTML, CSS, Bootstrap*

- Created a web-based mapping application to interactively display Rotaract clubs worldwide
- Continually developing features such as allowing users to submit clubs to the map which are automatically placed using a geocoding API
- Partnered with district leaders to allow them to embed automatically generated custom maps on their own websites

Command Line Trivia Game Aug. 2021
Technologies: *Java, GSON*

- Developed a trivia game that runs through the command line
- Queries a trivia question API based on user requests such as question topics and difficulty level, then retrieves and parses the data from a JSON format
- Presents the questions in an interactive format and displays the player's results at the end