Juan Pablo Urista

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EDUCATION

Carnegie Mellon University   *Aug 2021 - May 2025*
Bachelor of Science in Information Systems   *Pittsburgh, PA*
Minors in Human-Computer Interaction & Media Design

Relevant Coursework: Intro to Data Structures & Algorithms, Foundations of Software Engineering, Database Design & Development, Full Stack / Mobile Application Design & Development, Practical Data Science, Designing Human-Centered Software

EXPERIENCE

Software Development Engineer Intern, Amazon   *May 2024 - Aug 2024 | Austin, TX*
– Implemented a modular form editor for an enterprise-level JSON-based CMS, enabling users to create dynamic JSON schemas.
– Integrated the new page with back-end APIs and AWS DynamoDB, enabling seamless content-type definition storage and retrieval.
– Collaborated with stakeholders to develop a modular solution that enhanced content authoring workflows and user experience.

Course Assistant, Carnegie Mellon University   *Aug 2023 - Dec 2023 | Pittsburgh, PA*
– Conducted weekly office hours for Mobile Web Design & Development to assist 40+ students with assignments and project work.
– Guided two student teams in executing web development projects for local organizations, translating classroom learning into practical applications.

Software Engineer Intern, Capital One   *Jun 2023 - Aug 2023 | McLean, VA*
– Contributed to a new version of a customer-facing API integral to the Retail Bank line of business that serves entire customer base.
– Developed and implemented a metrics comparison strategy for API versions utilizing Java, JMeter, and Splunk.

Research Assistant, Carnegie Mellon University   *May 2022 - Aug 2022 | Pittsburgh, PA*
– Translated Python curriculum for Carnegie Mellon CS Academy
– Delivered targeted Python professional development sessions and code reviews for teachers, engaging 30-50 educators per session.

PROJECTS

MoodMarket   *Spring 2024 | Hackathon*
– Created a stock analysis web application utilizing Flask and Bootstrap, designed to search for stocks and generate ratings based on public sentiment analysis.

TuneTracker   *Fall 2023 | Course Project*
– Developed a music tracking web app using JavaScript, Express.js, and Bootstrap, integrating the Spotify API to help users monitor concert attendance and frequently played tracks.

ACTIVITIES

Member, Society of Hispanic Professional Engineers   Sep 2021 - Present | Carnegie Mellon
– Engaged with peers and professionals dedicated to promoting STEM education in the Hispanic community.

Youth Mentor, MoneyThink   Sep 2021 - May 2022 | Carnegie Mellon
– Taught weekly sessions for high school students, covering financial literacy, college admissions, and alternative career paths.

HSF Scholar   2021 - 2022 | Hispanic Scholarship Fund

SKILLS

Programming & Scripting Languages: **Python   JavaScript   Java   C**
Web Development & Frameworks: **Angular   Flask   Express   RESTful APIs   HTML   CSS/Bootstrap**
Data Management & Analysis: **SQL   MongoDB   Pandas   EDA**
Cloud Technologies: **AWS EC2   GCP Compute Engine   GCP Cloud Storage**
Tools & Software: **Postman   JMeter   Git/GitHub   Figma   Adobe Photoshop**