

ESTEE TCHEAU

(650) 480 - 0080

Los Angeles, CA

esteetcheau@gmail.com

<https://www.linkedin.com/in/estee-tcheau-217473195/>

<https://esteetcheau.github.io/Portfolio/projects.html>

EDUCATION

- **University of California, Los Angeles** Los Angeles, CA **July 2020 – March 2022**
B.S. in Computer Science GPA: 3.5
Technical Breadth Area - Technology Management *Tau Sigma National Honor Society*
Dean's Honors List *Golden Key International Honour Society*
- **College of San Mateo** San Mateo, CA **2016 – 2020**
Certificate Program, University Transfer: IGETC/UC GPA: 3.95
Dean's List – 6 Semesters *Phi Theta Kappa - Beta Xi Eta Chapter*
Magna Cum Laude *Associate in Science, Computer & Information Science*
Associate in Science, Mathematics *Associate in Arts-Transfer, Economics*
Associate in Science, Physics *Associate in Arts, Social Science*

WORK EXPERIENCE

- **HCL Technologies**, Software Developer..... Sacramento, CA **March 2022 – Present**
 - Learned skills including Spring, Microservices, REST, SQL, Unix, AWS, Kubernetes, Postman, Docker, & Swagger.
 - Designed a Business to Customer ecommerce web application using separate microservices & a Eureka Server.
 - Implemented Web Flux security, deployed project to an EC2 instance on AWS, & utilized Kubernetes & containerized servers using Docker.
 - Used Junit for testing & Swagger for REST documentation and microservice endpoint declaration.
- **American CryptoFed**, Software Engineering Internship..... Los Angeles, CA **Summer 2021**
 - Converted code for a Linear Quadratic Estimator simulation, utilizing Linear Control Theory, from MATLAB to Python.
 - Generated graphical plots using matplotlib to express changes in values for estimations of states with a Kalman Filter.
 - Used photoshop experience to recreate company's brand logo, using CorelDRAW, for go-to-market by the corporate marketing team.
- **Programming Tutor** Los Angeles, CA **January 2019 – March 2022**
 - Provided one-on-one tutoring for Java & Python for high school & community college students in a range of topics including object-oriented programming, recursion, data structures, & more.
- **Mathematics Tutor** Los Angeles, CA **October 2019 – March 2022**
 - Provided tutoring for Calculus, Pre-Calculus, Algebra, Linear-Algebra, Statistics, Discrete Mathematics, & Differential Equations for community college students.
 - Hosted one-on-one tutoring as well as review sessions for classes.
- **Bayer Ballet School**, Receptionist & Dance Teacher Mountain View, CA **January 2018 – November 2019**
 - Learned strong interpersonal skills by providing reliable customer service as well as executive & administrative support.
 - Maintained files/records, managed facilities, performed data entry, created dance music playlists, conducted videography, handled social media, & coordinated meetings between parents/students & artistic directors or teachers.
 - Choreographed routines & taught students ages 5-11 various dance forms including ballet, jazz, & more.

PROJECTS & CONTESTS

- **Wingspan (Web Application)**, Developer..... Los Angeles, CA **October 2021 – December 2021**
Developed & implemented a Twitter Sentiment Analysis application with 5 other students for UCLA'S Software Engineering course. Utilized Python, Django, JavaScript, HTML, CSS, Node, React, Google API, & Twitter API. The app returns a sentiment analysis from Twitter, in the form of line graphs/histograms, for a query searched by the user.
- **Petstagram (Web Application)**, Developer..... Los Angeles, CA **January 2021 – March 2021**
Worked in a team of 5 to design & code a complete web application utilizing React for frontend, Node Express library for the backend, & Firebase for the database. The application is a social media platform for pets.
- **Titanic Panic (3D Game)**, Developer..... Los Angeles, CA **October 2020 – December 2020**
Worked in a team of 4 to design & code a 3D game using JavaScript's tiny graphics library for UCLA's Computer Graphics course. Implementations include continuous spawning of icebergs & clouds.
- **Portfolio Website Creation**..... Los Angeles, CA **August 2020 – Present**
Used HTML/CSS to create a website to showcase portfolio, work history, & achievements. Hosted on GitHub pages.
- **AMATYC Mathematics Contest**..... San Mateo, CA **2019**
The American Mathematical Association of Two-Year Colleges Student Mathematics League mathematics contest was a one-hour national competition where students had to attempt to answer twenty mathematical problems. It required me to use logic & math skills to formulate ideas in a limited time on how to solve the problems presented.
- **Differential Equations Modeling Challenge**..... San Mateo, CA **2019**
Led a team of 3 in the SIMIODE Challenge Using Differential Equations Modeling to answer a physics, microgravity problem where we created mathematical models to land a probe on an asteroid.

SKILLS

- **Programming Languages:** Python, Java, C++, C, JavaScript, HTML/CSS, SQL, MATLAB
- **Frameworks, Tools:** Git, React, Node, Linux, Unix, Spring, Microservices, REST, Kubernetes, Docker, AWS, Swagger
- **Programming Courses:** Object-Oriented Programming, Assembly Language, Software Construction, Data Structures, Algorithms & Complexity, Computer Networks, AI, Operating Systems, Data Science, Natural Language Processing
- **Artistic Skills:** French, Dance, Piano, Guitar, Photography/Photo-Editing, Adobe Photoshop/Lightroom, CorelDRAW