# **ESTEE TCHEAU**

## esteetcheau@gmail.com

# **EDUCATION**

Pursuing B.S. in Computer Science

Technical Breadth Area - Technology Management

Dean's Honors List

Magna Cum Laude

Tau Sigma National Honor Society Golden Key International Honour Society

Certificate Program, University Transfer: IGETC/UC

GPA: 3.9

GPA: 3.55

https://github.com/esteetcheau

Dean's List - 6 Semesters

Phi Theta Kappa - Beta Xi Eta Chapter

Associate in Science, Mathematics

Associate in Science, Computer & Information Science

Associate in Science-Transfer, Mathematics

Associate in Arts-Transfer, Economics Associate in Arts, Social Science

Associate in Science, Physics

Associate in Science-Transfer, Physics

The American Mathematical Association of Two-Year Colleges Student Mathematics League

### **SKILLS**

Programming: Python, Java, C++, JavaScript, HTML & CSS, Git, React, Node is, Emacs, Shell Scripting, Linux, Assembly Language, OCaml, Web Development

Foreign Languages, Arts, & Music: French, Dance, Piano, Guitar, UCLA Taekwondo Club

Film: Photography, Photo-Editing, Adobe Photoshop, Adobe Lightroom, CorelDRAW

Technologies: Microsoft Word, Microsoft PowerPoint, Microsoft Excel, Slack

Writing & Public Speaking: Participated in numerous debates in high school & gave several live speeches, able to efficiently produce organized reports, write concise papers, & perform engaging and informative presentations.

#### SAMPLE PROJECTS & INTERNSHIPS

# WingSpan – Web App Development 2021: Python with Django, JavaScript with Node.is/React.is, Google/Twitter API



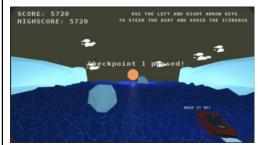
Sentiment analytics on Twitter keywords

#### Petstagram – Web App Development 2021: JavaScript with Node.js/React.js, **Firebase**



Social media platform for pets

### Titanic Panic – 3D Game Development 2020: JavaScript's tiny graphics library



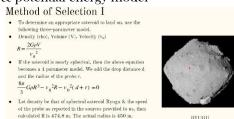
Web based interactive game

#### Portfolio Website Creation - 2021: JavaScript, HTML, CSS

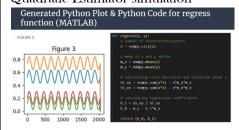


Showcases personal bio/achievements, LinkedIn & GitHub links, projects, and photography collection

#### **Differential Equations Modeling** Challenge – 2019: Tri-parametric kinetic & potential energy model



Creation of mathematical models to land a probe on a selected asteroid



Generated graphs showing changes in estimations of states with a Kalman Filter

#### ADDITIONAL EXPERIENCES

- - Canon Rebel T7 & Adobe Lightroom. Photography seminars & social media content
- - Facilities management. Videography. Parent/Student communications. Dance music playlist creation.

American CryptoFed - Internship 2021: Ported MATLAB to Python for Linear Quadratic Estimator simulation