Jenelle Truong

jenelletruong138@gmail.com | (858)776-9879 | github.com/Jenelle-Truong/ | linkedin.com/in/jenelle-truong | jenelle-truong.github.io

EDUCATION

University of California San Diego   3.92/4.00 GPA
Bachelor of Science, Computer Science with a Specialization in Bioinformatics   Expected Graduation Date: *Jun 2024*

WORK EXPERIENCE

UC San Diego Computer Science and Engineering
Undergraduate Researcher - Computing for Social Good Lab   *June 2022 - Present*
- Lead team of four other students as first author of a natural language processing project on the classification of mental burnout risk factors in online discourse
- Visualize statistics of over 250,000 Reddit posts utilizing the **Python NumPy, Pandas, and Matplotlib libraries**
- Implement supervised machine learning classification models, such as SVM, logistic regression, and random forest, through the **Python sklearn library**

Instructional Assistant   *Mar 2022 - Present*
- Currently tutoring Advanced Data Structures and previously tutored Discrete Mathematics
- Teach fundamental data structures and debugging skills in **C++** to help 350 enrolled students through office hours and one-on-one appointments

Undergraduate Researcher - Early Research Scholars Program (ERSP)   *Sep 2021 - May 2022*
- Secured the open source machine learning framework Tensorflow from memory-related vulnerabilities by fine-grain sandboxing the third-party **C libjpeg library** through the RLBox API
- Presented poster at the Jacobs School of Engineering Undergraduate Research Symposium and ERSP National Conference with three group members

Project Mentor - Summer Program for Incoming Students (SPIS)   *Aug 2021 - Sep 2021*
- Aided 53 incoming freshmen with algorithmic program-solving and development of machine learning projects in **Python**
- Fostered professional and personal growth of four student mentees by providing direct feedback on submitted work, encouraging collaboration, and creating a welcoming environment to UCSD

PROJECTS

Personal Website @ jenelle-truong.github.io
- Designed website using vanilla **HTML, CSS, and Javascript** and **Bootstrap library** for icons as web fonts to learn fundamental technologies used in front-end development

LEADERSHIP

Secretary of IEEE Eta Kappa Nu (HKN)   *Sep 2022 - Present*
- Strengthen engagement with 900+ inductees, members, and alumni through regular social media and email communication
- Mentor students through the induction process through career advice and technical interview preparation

SKILLS

- Programming: Java, Python, C/C++, HTML, Javascript, CSS
- Technical: LaTeX, Unix (Bash), Git, Jupyter Notebook, JUnit, Valgrind