Akshat Tiwari

669-213-8894 | atiwari5@ucsc.edu | https://linkedin.com/in/tiwariakshat47

EDUCATION

University Of California Santa Cruz — Santa Cruz, CA
Bachelor of Engineering in Computer Engineering — *Sept 2022 – June 2025*

Lynbrook High School — San Jose, CA
High School Diploma — *Aug. 2018 – June 2022*

EXPERIENCE

HashedTokens AI/ML Research Intern — May 2023 – Present
HashedTokens — *San Jose, CA*
- Exploring Vector Calculus operations in C through Octave, and researched and contributed to the opensource community in BLAS, Lapack, and Autoaliasing in C
- Consistent use and familiarity of ML/AI frameworks such as tensorflow, pytorch, ivy, keras, building models from scratch and able to read/implement ideas from research papers

Computer Science Instructor — May 2023 – Present
Juni Learning — *San Francisco, CA*
- Created individual course material for 10 children ranging from ages 13-17 to help improve upon their coding skills: Fostered a sense of community within this program and its team
- Taught languages such as Python, Java, Comp Sci A topics, and Scratch block coding to all levels of coders, learned to use Slack efficiently

Data Analytics Intern — June 2022 – August 2022
Prosoft Associates Inc. — *Toronto, Canada*
- Data analytics internship - used Python programming to analyze 100+ examples of Customer Service Cases and identify trends or patterns of coverage, SLAs and build algorithms for chatbots.
- Analytics of 300+ Customer Orders data to identify trends in Product and Feature usage and Telemetric includes unit-testing and debugging

UCSC Engineering Honor Society Treasurer — May 2023 – Present
University of California, Santa Cruz — *Santa Cruz, California*
- Officer position of the Tau Beta Pi, UCSC chapter - Financial Management: Responsible for managing the honor society's financial affairs. This involves keeping track of income, expenses, and maintaining accurate financial records.

PROJECTS

Inspirit AI Object Detection | *Python, Google Collaboratories* — December 2020 – January 2021
- Created an AI Object Detection Program with Python using Google Collaboratories technologies. Used camera feed or footage to localize images and determine whether objects on the road were significant to the car's ability to interact with the environment
- Used advanced coding techniques such as: neural networks, image localization and object recognition.
- Presented to panel of judges and received first place out of 10 other projects

AI Chinese Checkers | *Java, Git, Slack* — May 2020 – May 2020
- Programmed an artificial intelligence Chinese Checkers using Java, Leveraged AI-RELATED LIBRARIES and API's, became familiar with GUI's in Java and object oriented programming
- Presented a project to over 200 people, and achieved first place out of all of 50+ projects.

SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS
Frameworks: React, Node.js, Flask,
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: Pandas, NumPy, Matplotlib, Keras, Tensorflow, Ivy
Soft Skills: Excellent Communications, Problem Solver, Time Management, Teamwork, Flexibility, Quick Learner