

Andrew Bahsoun

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Junior Computer Science student at Chapman University, with an inquiry in Physics. I am a curious person who is dedicated to learning and trying new things. My current research is on fairness in Machine learning/AI with [Dr. Wen](#). I am advanced in **C++**, **Python**, **Java**, and comfortable working with **HTML/CSS**, **Javascript**, **SQL**.

EDUCATION

Chapman University, Orange, CA

Bachelor of Science in Computer Science

May 2026

- Provost Scholarship Recipient
- Relevant Coursework: Data Structures (C++), Scientific Computing, Data Comm/Computer Networks

Charles III University of Madrid (Universidad Carlos III de Madrid)

January 2025 - June 2025

- Relevant Coursework: Database Management, Natural Language Processing (**NLP**), Computer Ethics

WORK EXPERIENCE

Chapman University - **Undergraduate Research Assistant**, Orange, CA

August 2024 - Current

- Working on a research team to address bias in healthcare AI Models affecting marginalized groups. We plan to use In-Processing ML methods to counteract the bias. Currently using pandas to clean a [MIMIC-IV](#) dataset, see my project proposal here.

Chapman University - **Engineering Academy Instructor**, Orange, CA

June 2024 - August 2024

- Coordinated weekly workshops to educate high schoolers on the fundamentals of machine learning, computer vision, and neural networks.
- Assembled **Jupyter Notebook** documents for classification models in **TensorFlow**. Presented and assisted students through the ML building process.

Ingram Micro & CLAOC - **Pre-Intern**, Irvine, CA

June 2024 - July 2024

- Designing and presenting a feature for Ingram's Xvantage platform. Used **Figma** to present our design.
- Attending weekly meetings with CLAOC to study career building and successful practices.

Hudson Companies - **IT Intern**, San Jose, CA

June 2022 - August 2022

- Managed maintenance tasks and digitized resident data in CSV format for a 164-unit apartment complex.

PROJECTS

AI Handwasher Analyzer with [LayerJot](#) (Collaboration Company) | [GitHub](#)

- Developed a hand-washing habit recognition tool with LayerJot using **Python**, **Tensorflow**, and other frameworks in a 5-person team. I then revised the model for better accuracy in a solo project.
- [Overall Winner](#) of GCI Showcase, competing against 53 other teams. \$500 Grand Prize Winner.

Profit Calculator | [GitHub](#)

- Designed and implemented a Java-based fee calculator for my shoe-reselling business, featuring an appealing UI with **Java AWT**, available on GitHub.

SKILLS

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|---|---------------------------------------|
| • Advanced in: Java , Python , C++ | • NLP Packages: spaCy, NLTK, Gensim |
| • Proficient in: HTML/CSS , Javascript , SQL | • SCRUM, Agile |
| • Unix/Linux environments | • Quantitative Problem-solving skills |
| • Computer Networking | • Public Speaking |
| • Docker, Jenkins | • Leadership |
| • PyTorch, Tensorflow | • Collaboration |
| • ReactJS, AngularJS | • Communication |
| • Numpy, Pandas, Matplotlib, Scipy | • Time Management |

LEADERSHIP EXPERIENCE

Chapman Kesem

March 2023 - Present

- Volunteered as a Camp Counselor, dedicated to creating a diverse and supportive environment for children affected by parental cancer, emphasizing learning, resilience, and empathy in a dynamic setting.
- Communicated with children aged 5-15 about their parent's cancer with a goal of empowering them to discuss their emotions and personal story.

Chapman CARES

February 2023 - Present

- Organized and participated in events like the Clothesline Project and Denim Day, promoting open discussions on gender stereotypes and cultural beliefs.
- Trained Chapman Resident Advisors on how to promote a healthy and safe environment in their halls.