Andrew Bahsoun

(669)-300-4546 • bahsoun@chapman.edu • andrewbahsoun.com

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

PyTorch Essential Training: Deep Learning, LinkedIn Learning by Jonathan Fernandes   Jan 2024

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.

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 for a solo project.
- Overall Winner of GCI Showcase, competing against 53 other teams. $500 Grand Prize Winner.

Profit Calculator | **GitHub**
- Self-designed a Java-based fee calculator for my shoe-reselling business, featuring an appealing UI with **Java AWT**, available on GitHub..

SKILLS

- Advanced in: **Java**, **Python**, **C++**
- Proficient in: **HTML/CSS**, **Javascript, SQL**
- Unix/Linux environments
- Computer Networking
- Docker, Jenkins
- PyTorch
- .NET framework
- ReactJS, AngularJS
- PostgreSQL

- **AWS** (cloud practitioner cert. in-progress)
- SCRUM, Agile
- Quantitative Problem-solving skills
- Public Speaking
- Leadership
- Collaboration
- Communication
- 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.