

Jarrett Blackson

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EDUCATION

Bachelor of Science, Computer Science

Barrett, the Honors College, Arizona State University

Awards and honors: Dean's List (5/5), New American University Provost's Scholarship

Expected May 2026

Tempe, Arizona

GPA 3.97/4.00

SKILLS SUMMARY

Technical Skills: C++, Express, HTML/CSS, Java, Javascript, ML, Nginx, Node.js, PostgreSQL, Python, R, Typescript

Developer Tools/Libraries: Figma, Git/GitHub, Linux and Bash, NumPy, Pandas, TensorFlow, Windows

Relevant Coursework: Computer Organization & Assembly Language, Compiler Construction, Data Science, Data Structures & Algorithms, Engineering Statistics, Evaluation of Informatic Systems, Human Computer Interaction, Linear Algebra, Operating Systems, Relational Database Theory, Software Engineering (Agile, Scrum, Waterfall, XP)

Certifications: Orange Belt (pwn.college) CTF cyber security challenges (Access Control, Intercepting Communication, Cryptography, Web Security). Yellow Belt (Memory Errors, Reverse Engineering, Shellcode Injection).

Soft Skills: Public Speaking, Technical Presentation, Leadership

EXPERIENCE

Technical Associate

August 2023 - Present

ASU Hacker Devils

- Teach weekly strategy sessions for LeetCode easy and medium problems, 1-1 assistance
- Design and write unique coding problems for 4/14, 10/24, 11/24 hackathons for Hacker Devils
- Collaborate with club leaders to set policy and plan codethons, increase members 230%, to 1000 members

Research Assistant

May 2024 - August 2024

ASU Biocomputing Security & Society

- Analyzed peer-reviewed journal articles in cancer machine-learning research
- Recreated results of published models for cancer research and trained models on new data
- Implemented Python scripts with Pandas to process large CSV and HDF5 data sets for supervised models

UI/UX Researcher

March 2024 - May 2024

ASU

- Collaborated in a team of 10 people for UI/UX design study for e-commerce
- Designed instructions for participants in experiment and SUS questionnaire to determine satisfaction
- Performed statistical analysis with SPSS, repeated measures ANOVA test

PROJECTS

Full Stack Development

December 2024 - Present

<https://cs2maxdpi.com> (hosted on DigitalOcean)

Tempe, Arizona

- Built with PostgreSQL, Node.js, Nginx, Javascript, Express, Typescript
- CRUD. Process user query, return calculation for video game use

Pathway Guided Neural Net

May 2024 - August 2024

ASU Biocomputing Security & Society

Tempe, Arizona

- Drug response in supervised model trained on gene expression to predict percentage of cancer cell death
- Created biological relation matrix file

LEADERSHIP & COMMUNITY INVOLVEMENT

Camp Counselor

June 2021 - July 2022

Phoenix Country Day Summer Camp

Paradise Valley, AZ

US Soccer Grassroots Certified Referee

November 2018 - May 2022

Phoenix Rising FC Youth Soccer Recreational League

Scottsdale, Arizona