

# Jordan Yee

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## EDUCATION

### Arizona State University - Barrett, The Honors College

Tempe, AZ

*Bachelor of Science in Computer Science, GPA: 3.97/4.00*

*August 2021 - May 2023*

#### Relevant Coursework:

- Data Structures and Algorithms, Computer Organization & Assembly Language Programming, Object-Oriented Program & data, Intro to Programming Languages, Digital Design Fundamentals, Principles of Programming, Discrete Math and Calculus I-III

### University of California, Irvine

Irvine, CA

*Bachelor of Science in Computer Science*

*September 2023 - June 2025*

## EXPERIENCE

### Iridium Satellite Communications

Chandler, AZ

*Software Engineer Intern*

*May 2023 – Present*

- Worked on the Space Development Agency team.
- Led development of a **Python** automation script integrating **JIRA data** into a government-compliant Earned Value Management system, minimizing manual interventions and boosting data accuracy.
- Utilized **R4J REST API** with **Python** to extract requirements tree and verification matrix from **JIRA API**.
- Implemented **Docker** integration with **Splunk** as a Log Driver to proactively monitor and analyze computer health performance, leading to a reduction in troubleshooting time and improved system reliability.

### Arizona State University

Tempe, AZ

*Research Intern*

*July 2022 – December 2022*

- Researched and implemented innovative approaches to cleanse data from studies carried out under DARPA's Artificial Social Intelligence for Successful Teams (ASIST) initiative.
- Executed **data processing** for weekly studies conducted in specialized testbeds aimed at collecting performance data in a search and rescue (SAR) task.
- Deployed **Python** and **R** scripts to effectively clean metadata files and convert data into CSV format.
- Effectively communicated biweekly progress updates on thesis implementation involving vision models to advisor.

### Fiverr

Remote

*Software Developer*

*May 2019 – August 2021*

- Launched and managed a freelance services business focused primarily on software development projects.
- Spearheaded the end-to-end development of a feature-rich web application for shopping, leveraging technologies such as **HTML**, **CSS**, **JavaScript**, and **Bootstrap**.
- Conducted in-depth user needs analysis to design **intuitive UI/UX**, with continuous iteration based on feedback from **100+ customer reviews**.
- Successfully scaled the business, delivering digital solutions to **500+ clients** on a national and international scale.

## PROJECTS

### Real-Time Object Detection System | Python, PyTorch, pandas

*Spring 2023*

- Developed a Real-Time Detection System with **YOLO** and **OpenCV**, enhancing live video identification and efficiently logging with **pandas**, all bolstered by custom utilities.

### LabyrinthineBFSExplorer | C++

*Fall 2022*

- Developed an advanced **C++** grid-based path-finding simulator that uses **Breadth First Search** to navigate complex mazes and obstacles efficiently, determining the best route from start to finish.

### Bank Management System | Java, Java Swing, PostgreSQL

*Summer 2022*

- Designed a comprehensive banking system that seamlessly manages funds, handles Checking and Savings accounts operations, and offers **command-line** and **GUI** interfaces for versatile user interaction.

## SKILLS

**Programming Languages:** Java, C, C++, Python, Go, JavaScript, HTML, CSS, SQL (Postgres), R, YAML

**Frameworks:** Bootstrap, React, Kubernetes, Docker, Node, Express

**Other:** Google Cloud Platform, Amazon Web Services, Git, Azure, Jira, CI/CD, MATLAB