

# Thaddaeus Sandidge

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## EXECUTIVE SUMMARY

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High-achieving, entrepreneurial computer science student with a 4.0 GPA, specializing in software engineering with a finance minor. Founder and full-stack developer of Vouchify, a social networking platform with 500+ users and over \$100k in user reported transactions. Recipient of SIM San Diego Scholarship and President's Scholarship for academic excellence.

## EDUCATION

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### Point Loma Nazarene University

San Diego, CA

Computer Science: Software Engineering, B.S. | Finance Minor | 4.0 GPA

May 2025

- **Awards and Honors:** SIM San Diego Scholarship, President's Scholarship, Dean's List
- **Technical:** Python, Node, React Java, C++, Javascript, HTTP, ML, SQL, AWS, Flask, Django, Git, TypeScript
- **Certificates:** CompTIA Project+ PK0-005 (*Agile, Scrum Ceremonies, Sprint Planning*)

## EXPERIENCE

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### Georgia Tech Research Institute

San Diego, CA

Research Intern | CIPHER Lab

Oct 2023 – Current

- **Spearheaded the development of a secure AI chatbot:** trained on organizational data and documentation, with the intent of integrating with GTRI's Slack instance via a containerized Docker application
- **Assisted advanced engineers and developers:** through service tickets relating to provisioning, maintaining, and securing Windows, macOS, and Linux systems, working within Jira and the Atlassian Stack

### Zoeycomm (IT Services and IT Consulting)

Boise, ID

Software Engineer Intern | Networking & Web Development

May 2023 – Oct. 2023

- **Built SEO optimized static web applications:** with HTML, Tailwind CSS, and AWS S3 buckets, utilizing AWS Lambda and API Gateways for reusable contact forms, increasing customer interaction by 65%
- **Leveraged AWS and serverless functions:** to create modular backend functionality for custom business solutions, streamlining user experience and automating communication processes

### Office of Instructional Technology (PLNU)

San Diego, CA

Student Technology Assistant Resource | OIT

Nov. 2021 – Aug. 2023

- **Automated quiz creation for faculty by applying Power Shell scripting:** improving efficiency and accelerating course development time for staff and faculty by over 70%

## SOFTWARE PROJECTS - [PORTFOLIO](#)

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### Vouchify (Social Credibility Web App)

Founder & Full Stack Developer | Flask | <https://vouchify.me>

- **Facilitated 500+ active users and over \$100k in reported transactions:** conducting continuous improvements and bug fixes, managing user database and security, and enhancing the app's performance and reliability
- **Employed industry-standard version control practices:** by utilizing Git and GitHub, ensuring efficient code management, collaboration, sprint planning, and shipping code
- **Skills:** User Management, Full-Stack Development, Software Lifecycle, CI/CD, Security, Git, MySQL

### Data Science Project I (MTH4142)

Student Developer | Django | <https://res-tool.onrender.com/> | [Repository](#)

- **Conducted a study to assess the effectiveness of six machine learning models:** in predicting reservoir storage values using historical reservoir and climate data, top results saw 99.8% MAPE accuracy
- **Utilized PostgreSQL, Python, Plotly and Pandas to create data visualization models:** making them accessible through interactive data dashboards built on the Django framework
- **Skills:** SVR, Gaussian Process, Neural Network, Decision Tree, Random Forest, Nearest Neighbor, Sci-Kit Learn

### Insider Trading (Applied Data Science Project)

Founder & Full Stack Developer | Flask | <https://insider-trading-u7zfo.ondigitalocean.app/>

- **Developed a data analysis algorithm leveraging congressional trading information and STOCK Act data:** to predict high potential stocks, enabling informed investment decisions and serving to users through a web API
- **Skills:** Python, Pandas, Algorithm Design, Big Data, Flask, REST API, Fintech