

ADITHYA J. (AJ)

Data Scientist, Engineer, Project Manager

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📍 Fremont, CA



EXPERIENCE

Engineering Intern

Abaxis Inc.

📅 June 2016 - Feb 2017 📍 Union City, CA

🌐 <https://www.abaxis.com/>

Abaxis is a global industry leader in medical and veterinary diagnostics.

- Lead a data analysis project to interface and harvest data from older manufacturing hardware over the network.
- Designed and validated over 100 front-end GUIs to ensure compliance with Federal regulations and standards for process engineers and IT.
- Created a trend detecting manufacturing dashboard saving the company over \$20,000 annually.

Management Technology & Operations Intern

Verisure Technologies (Sibridge Technologies)

📅 Aug 2015 - Mar 2016 📍 Santa Clara, CA

🌐 <http://www.sibridgetech.com/>

Verisure is a key innovator in the semiconductor industry with their embedded system design solutions.

- Single-handedly created cloud databases to manage company data.
- Assisted in making Merger & Acquisition documents and collaborated with external corporate partners.

EDUCATION

Computer Engineering (Transfer)

Ohlone College

📅 Aug 2015 - ongoing 📍 Fremont, CA

- Math: Calculus(1-3), Discrete for Computing, Linear Algebra, Differential Equations, MatLab
- Physics: Mechanics, Electricity & Magnetism, Waves
- Computer Science: C++, Data Structures, Java, Assembly
- Engineering: Circuit Analysis

GPA

3.9 / 4.0

Summer Undergraduate - EECS

UC Berkeley

📅 June 2016 - Aug 2016 📍 Berkeley, CA

- Enrolled in CS61A at UC Berkeley (4.0 - A+)
- Currently lab assisting for CS61A at UC Berkeley
- Previously enrolled in: EE40 - Microelectronic Circuits

TECHNOLOGIES

Programming Languages

Python

Java

C++

Matlab

SQL

HTML/CSS

AWARDS



AMATYC SML - 8th College

Nationwide; Individual - 3rd Place at Ohlone

Recognized Achievement for the Nationwide AMATYC Test at Ohlone College.



SVDECA IBP - 3rd Place IBP

International Business Plan - Awarded for creating a mobile payment system and a potential roll-out plan

ON-CAMPUS ORGANIZATIONS

President of Dot-Slash CS [./CS]

📅 Jan 2016 - ongoing 📍 Fremont, CA

Dot-Slash CS is Ohlone College's official Computer Science and Engineering club

- Organized weekly club meetings and club projects.
- Arranged corporate tours to companies in the Bay Area (Netflix, Hurricane Electric).
- Doubled membership in the past year.

VOLUNTEER

Lab Assistant - CS61A

UC Berkeley

📅 Aug 2016 - ongoing

CS61A is the course taught at UC Berkeley that kickstarted my programming projects.

- Assisted in teaching a rigorous python curriculum to over 1,500 students.
- Mentored 3 hours weekly in both lab and office hours accumulating over the Fall semester.

Founding Member and Mentor

AltaCode

📅 Aug 2014 - ongoing

AltaCode is a non-profit FUSS organization created to introduce programming to students in a social environment.

- Taught younger students fundamentals to programming through project focused learning.
- Introduced GitHub for students to use with any future projects.

Head of Event Coordination

The Ideal Kids

📅 May 2010 - ongoing

The Ideal Kids is a local organization that strives to encourage healthier habits in today's youth.

- Volunteered as a group leader for the summer run event since the organization's inception.
- Managed datasets of participants of spanning 4 locations with over 350 people.
- Planned talent events and lead a team of volunteers to assist with tech and marketing.

REFERENCES

Philip Powell

Physics Professor
(925)-422-9171

Rajesh Shah

CEO of Verisure Technologies
(510)-418-0494

ON-CAMPUS ORGANIZATIONS

President of Ohlone Math Club ($\mu\alpha\theta$)

📅 Dec 2015 - ongoing

Ohlone Math Club ($\mu\alpha\theta$) serves as a key resource for students who have a deep passion for mathematics.

- Created a club team (ranked 8th Nationwide) to compete in the AMATYC competition.
- Created group events such as Math Puzzle Solving, Rubik's Runs, and tutoring.
- Tripled membership in six months.

Senator of the Associated Students of Ohlone College (ASOC)

📅 Aug 2016 - ongoing

ASOC strives to amplify the student's voices and provides resources for Ohlone College. I was appointed as the Technology Committee Senator.

- Worked on Ohlone's Technology Board to implement new technology for student and faculty.
- Created development rollout master plans for the upcoming years.
- Worked on a new web infrastructure redesign.

Treasurer of $A^2\pi$

📅 Sep 2016 - ongoing

$A^2\pi$ is an on campus organization that helps empower STEM minorities with resources and opportunities.

- Maintained all finances and created proposed budgets for the organization.
- Organized events such as "STEM Outreach" at Kennedy High School.