

Mounica Padakandla

Software Engineering Student, Aspiring Coder and Data Science enthusiastic

OBJECTIVE

To obtain an internship that will enable me to apply my software/digital engineering skills and pursue a compelling career in information technology.

EDUCATION

- **Computer Science Engineering Academy - Class of 2019, Dublin High School, Dublin, CA 94568**
Working on Advance Scholar Diploma (currently in Junior year)
Enrolled in Project Lead the Way Engineering Academy
- **Relevant CourseWork**
 - Computer Science and Engineering, 2015-2016 : HTML & CSS, Python, Scratch, App Inventor, Hacking
 - PLTW Principles of Engineering, 2016 - 2017 : simple machines, types of energy, electricity, programming, circuits, centroids, Scalars/Vectors, statics
 - PLTW Digital Electronics, 2017 - 2018: multisim, PCB design, electricity, VEX machines, programming, circuits
 - Advanced Placement Courses
 - Honors Chemistry, 2016 - 2017
 - PreCalculus, 2016 - 2017
 - AP Statistics 2016-2017 : Analytics and Statistics using MS Excel
 - AP Calculus 2017 - 2018
 - AP Biology 2017 - 2018
 - Honors English 2017 - 2018

EXPERIENCE

2017 - Present, Teen Intern, Lawrence Hall of Science, Berkeley, CA

- Teen intern at Ingenuity Lab
- Teaches engineering concepts to children
- Received recognition award for public relations and communications

2016 Coder Dojo, Volunteer, Location: depends on the week(Workday etc.)

- Assist younger students learn languages like HTML or Python using various games and websites.
- Learned lessons from this job: responsibility and patience.

2017-2018 Tri-Valley Youth Expo, Location: Dublin High School, CA

- Communicate with sponsors and contacts for the event
- Secured Tech Hive internship for hackathon winners of the event

2017-2018 Youth Advisory Committee, Location: Dublin Senior Center, CA

- Make crucial decisions for the well-beings of teens in Dublin.

Extra-Curricular Activities

2016 Girls Who Code Club

- This club works to encourage more girls into the engineering field and creates new applications
- working on a job app for working adults

2015, Alameda County Science Fair

- Created a moisture sensor using the Arduino Uno, Cloud and Big Data technologies
- Won 4th place in the Engineering Category

2016 -2017 President, Data Science Club

- Took the initiative to learn data science with IBM's BigML tool
- Taught high school students BigML tool

Dublin, CA

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www.linkedin.com/in/mounicap

Blog:

<http://www.datascientistlink.com>

Skills

HTML & CSS

Analytics using MS Excel

Advanced Statistics with MS Excel

Python

Net Logo

C language

IOT & Digital Circuits

Google Apps

Spanish- proficient

English-fluent

Hindi - proficient

Clubs

Girls Who Code

CoderDojo

Speech & Debate Key Club

California Scholarship Federation

Data Science Club

Youth Advisory Committee

2018 Tri-Valley Youth Expo

Academic Acknowledgements

Honor Roll - Semester 1, 9th grade

Honor Roll - Semester 2, 9th grade

Honor Roll - Semester 1, 10th grade

Honor Roll - Semester 2, 10th grade

Honor Roll - Semester 1, 11th grade

Awards

Lawrence Hall of Science

Ingenuity Lab - Excellence in public relations and communications (2017)

Alameda County Science

Fair - Winner of 4th place for a project in engineering category (2015)

