TEJAS SHETTY

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EDUCATION

INTERNATIONAL SCHOOL OF PENANG, UPLANDS   Penang, Malaysia
International Baccalaureate (IB) Diploma Program   August 2002– July 2014

UNIVERSITY OF CALIFORNIA, SAN DIEGO   San Diego, CA
B.S. Computer Science   August 2014 –
- Media computation and manipulation using Java (CS8A & 8B)
- Basic Data Structures and Object-Orientated Design (CS12)
- Algorithms (CS21)
- Computer Organization and Systems Programming (CS30)
- Advanced Data Structures (CS100)
- Software Engineering (CS110)
- Design and Analysis of Algorithms (CS101)
- Theory of Computability (CS105)

EXPERIENCE + PROJECTS

SM BIOMED PHARMACEUTICAL COMPANY   Penang, Malaysia
Department of Product/Process Control   2012 (4 Weeks)

- Concerned with electrical and pneumatic principles which controls various operations and controls like steam input, process time, cooling time and crystallization

ENVISION UCSD   San Diego, CA
Intern   2016 -

- Worked on an LED ART installation for the EnVision design and engineering studio
- Designed and coded an Arduino program to display number of 3D printers in use in the studio
- Developed a method for printers to wirelessly communicate and update LED board

TIRAMISU   San Diego, CA
Developer   September 2016 -

- Designing and developing a Peer-to-Peer food sharing app for UCSD students on Android
- Back end design and implementation via Google Firebase

DOGS ON DEPLOYMENT   San Diego, CA
Developer   January 2017 -
- Designed an app for the Non-Profit Dogs on Deployment – a service that connects military pet owners with boarders
- User base of ~30000, with 3000 being military users

HONOURS

- J.E. Churchman trophy for best debate team *2014*
- Captain of U18 Touch Rugby Team
- Assistant Director of Crisis Team in Penang Model United Nations (PENMUN)
- School Prefect *2013 -2014*
- PTA Shield for best debater *2014*
- Provost's Honors *Spring 2016, Fall 2016*

LANGUAGE/SKILLS

Java, HTML   Database: Firebase
C, C++, Assembly (ARM)   OS: Windows, OS X, and Linux
Microsoft Office Suite: Word, PowerPoint, and Excel