

# TEJAS SHETTY

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## EDUCATION

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### INTERNATIONAL SCHOOL OF PENANG, UPLANDS

International Baccalaureate (IB) Diploma Program

Penang, Malaysia  
August 2002– July 2014

### UNIVERSITY OF CALIFORNIA, SAN DIEGO

*B.S. Computer Science*

San Diego, CA  
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)

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## EXPERIENCE + PROJECTS

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### SM BIOMED PHARMACEUTICAL COMPANY

*Department of Product/Process Control*

Penang, Malaysia  
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

*Intern*

San Diego, CA  
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

*Developer*

San Diego, CA  
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

*Developer*

San Diego, CA  
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

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## HONOURS

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- 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*

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## LANGUAGE/SKILLS

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Java, HTML

C, C++, Assembly (ARM)

Microsoft Office Suite: Word, PowerPoint, and Excel

Database: Firebase

OS: Windows, OS X, and Linux