

# Rishi Pappu

5589 Bellevue Circle  
Dublin, CA 94568  
(925) 785-5728  
rishi.g.pappu@gmail.com

## EDUCATION

### Dublin High School, 8151 Village Parkway, Dublin CA

2016 - PRESENT

- Computer Science/Software Engineering
- Principles of Engineering
- AP Computer Science A
- AP Chemistry
- AP European History

### Udemy Courses

2016 - PRESENT

- Web Developer Bootcamp
- JavaScript Master Class

## PROJECTS & EXPERIENCE

### Dotmentia — 2019-PRESENT

Developed an Android app that uses OpenCV to identify faces and report them to a chatbot running on a Google Home Mini. Implemented Google's Dialogflow to generate a chatbot that is able to recognize and validate answers from patients with dementia.

### Tri-Valley Youth Expo — 2018-PRESENT

2019 - Vice President

Designed and built a clean, minimalistic website for Tri-Valley Youth Expo using styling preprocessors such as Sass. Directed a team of ten to pursue company sponsorships and attract attendees through social media strategies.

2018 - Hackathon & PR Lead

Collaborated with the Mayor of Dublin to create a regional showcase of art and technology. Designed and developed a website to attract attendees. Lead a small team tasked with PR and organizing the 2018 Youth Expo hackathon.

### Gael Force Robotics Website — 2018-PRESENT

Developed and maintained the official Gael Force Robotics website. Used modern UX/UI principles to design a website that incorporated the robotics club's color scheme.

### Gael Scout — 2018-

Developed a web app to retrieve match and team statistics using public VEXDB APIs to display team rankings and predict match outcomes. The web app helped visualize the characteristics of teams' robots.

### HealthMate — 2018-PRESENT

Developed a video-conferencing service for doctors and patients to facilitate and simplify specialized medical care. The service matched the doctor specialization to the patient medical condition. Built service using TokBox's video-conferencing API and Firebase's hosting and database system.

## TECHNICAL SKILLS

Python

Django

NumPy

JavaScript

React/React Native

ES6-ES8

Express

Firebase

Node+NPM

Cloud Services

DigitalOcean

Heroku

AWS

Google Cloud Platform

HTML/CSS/Sass

Lunacy (Sketch for Windows)

G Suite

Adobe Creative Cloud

Illustrator

Photoshop

XD

Microsoft Office

## LANGUAGES

Mandarin Chinese

## ACHIEVEMENTS

1st Place Winner at Los Altos  
Hacks IV

## **Dashable — 2016-2017**

*Designed and developed a 3D-printable custom wearable that allowed users to send emergency messages to loved ones using programmed button sequences. Built using Amazon dash, Python scripts, and IFTTT's messaging applets.*