Rishi Chillara
Computer Science Student

rchillar@purdue.edu ✉ /RishiChillara in

/RishiChillara ⬡ GitHub 510-364-1634 ☎

Education

Purdue University, West Lafayette, IN

May 2023 | GPA: 3.94

BS in Computer Science in the Honors College
Course Work: Intro to Object-Oriented Programming, Programming in C, Discrete Math

San Jose State University, CA

Oct 2015 | GPA: 4.00

Course Work: Intro to Java Programming

Work Experience

CoFounder - MissionEDU

Jun 2016 - Present

• Founded nonprofit aimed towards providing free tutoring to low-income students
• Managed over 60 tutors/410 students; created over 4000 volunteer hours
• Partnered with school district and library to organize weekly sessions in three locations.
• Built a pairing system in Swift to match tutors and students based on subject, learning style, and grade - www.missioneduk12.org

Front End Intern - Riffiti

Feb 2018 - Jul 2019

• Worked to sketch and create app wire frames in Photoshop and Sketch
• Developed app frontend utilizing UIKit Framework and Xcode
• Conducted PMR and A|B testing to study user interaction with the app
• Recruited High School Ambassadors, increased app membership by 8%

Web Master - The Smoke Signal

Aug 2018 - Jun 2019

• Curated and edited all content to be distributed on multiple platforms
• Redesigned website using Bootstrap and Javascript, increased traffic by 23%
• Managed a staff of 50 journalists and delegated tasks in a weekly cycle

Programming Instructor - Safari Kid

Nov 2016 - Mar 2017

• Taught students fundamentals of p programming and 3D Modeling
• Tutored in Auto CAD, HTML, CSS, and Javascript to guide students to develop their own portfolio over the course of a semester

Projects

Squad Finder

Dec 2019

• Web App to find the closest meeting point between a group of people
• Utilized socket.io for live location updating and Firebase to store user data and Manhattan distance calculations
• Created Server Side in Node.JS with Firebase as a persistence layer for faster lookup and indexing

Schedule to Calendar

Oct 2019

• Created an app in Java that would automatically add classes to your Google Calendar
• Worked with Google Calendar API and Tess4J Java OCR
• Managed user data and authentication through Firebase and allocated Cloud Storage to let users upload schedules

SAT Score Prediction Bot

Dec 2018

• Built a Reddit Bot in Python used >2900 times that predicted students score based on the estimated number of questions wrong
• Gained an introduction to utilizing API's and hosting projects on Heroku
• Utilized BeautifulSoup to scrape public score databases to ensure accuracy in lieu of a public API

Skills and Interests

• **Mobile and Web:** Swift, JavaScript
• **Object-Oriented:** Java, Python, C
• **Design:** Adobe Photoshop, Illustrator, Premiere, After Effects, Lightroom
• **Hobbies:** Table Tennis, Board Games, Ultimate Frisbee, Photography