Archi Parekh

(908)-340-8517
archiparekh23@gmail.com

LinkedIn: Archi Parekh
Github: @archiparekh

EXPERIENCE

Cognition IP — *Quality Assurance Intern*

San Francisco, CA | March 2020 - Present
- Increased coverage, efficiency, and accessibility to integration testing for engineers by revamping frontend testing suite using Cypress
- Increased backend test coverage by 25% using Mocha and Chai
- Develops tools (ex. dashboards) to help attorneys at this growing law-tech startup visualize and manage their workload

Bluebonnet Data — *Political Tech Fellow*

Remote | August 2020 - Present
- Trained on political technologies, including Outvote, ActionSprout, Deck, and BallotReady
- Serves as volunteer technologist for 4 campaigns in Michigan

Intellyk — *Intern*

Piscataway, NJ | July 2018
- Analyzed retail data of two stores for performance
- Developed Microsoft Power BI dashboards to visualize insights on company sales

SKILLS

Languages
C++ • Java • C • Typescript • Javascript • HTML • CSS

Technologies
Angular • Node • MongoDB • Express • Mocha • Cypress • Git • MS Power BI • Arduino • React

Interests
Baking • Entrepreneurship • Environmentalism

EDUCATION

Rutgers University — *B.S Honors Program Computer Science*

New Brunswick, NJ | Expected May 2023
- **Relevant Coursework:** Data Structures, Discrete Structures I, Intro to Microeconomics, Computer Architecture, Discrete Structures II, Linear Algebra, Systems Programming (Fall 2020), Principles of Programming Languages (Fall 2020)
- **Clubs:** Undergraduate Student Alliance of Computer Scientists, Women in Computer Science, SAS Honors Program Video Production Team, SASHP Peer Tutoring, HackHERS Graphic Design Committee, Culinary Club (Treasurer), WiCS Blogger

Architecting with Google Compute Engine Specialization, Google Coursera — *Participant*

Jan 2020 - Present
- Working on five course specialization to learn about Google Cloud's tools and practical applications
- **Courses**: GCP Fundamentals: Core Infrastructure, Essential Cloud Infrastructure: Foundation by Google Cloud

Middlesex County Academy for Science, Math & Engineering Technologies

Edison, NJ | Sept 2015 - June 2019
- **Relevant Coursework:** Electrical & Computer Engg. Tech., Statistics, Discrete Mathematics, Linear Algebra
- **Clubs:** Academic Team (VP), Eagle Eye Newspaper, (Asst. Editor), Student Council (Secretary), NHS (President)

EXTRACURRICULARS

Undergraduate Student Alliance of Computer Scientists — *Community Director*

New Brunswick, NJ | May 2020 - Present
- Facilitates a diverse, inclusive CS community through fun events, diversity events, and social media initiatives
- Coordinates Grab a Byte, USACS' summer virtual lunch program to help CS majors meet new people and relax
- Organizes social media initiatives (Ex. Side Project Summer and Tech It Forward) and designs beautiful graphics

The Junior Academy of New York Academy of Sciences — *Member*

New York, NY | Aug 2017 - Aug 2020
- Inducted as a Young Member of the New York Academy of Sciences (10% acceptance rate)
- Collaborates with industry experts and international teams on sustainable development-related challenges
- Led teams for 6 challenges, with 2 winning challenges (Big Data and Wildfire Prevention)

PROJECTS

NomNom — *New Hack, Who This?*

https://moodybaker.netlify.app/
- Web app which suggests recipes from Buzzfeed Tasty based on mood (happy, sad, adventurous, etc)
- Built using **React.js** and querying Tasty API for recipes with foods often associated with certain emotions

MeCovery — *Senior Capstone Project*

https://github.com/archiparekh/mecovery-band
- Designed a wearable physical therapy assistant using **Arduino Circuit Playground**, **Android Studio**, and **3D Printing**
- Determined angle of joints by analyzing accelerometer data with **C++** and alerted patients if overexerting

Wildfire Prevention Challenge — *The Junior Academy*

https://joinlaunchpad.com/projects/wildfires-tracking-prevention-and-containment
- Analyzed factors which increase risk of power-line caused wildfires using data analytics and resident surveys
- Prototyped system that predicts wildfire risk using citizen science, weather data, and wildfire history
- Finalist - Project featured in *Scientific American*