

Abhishek Chaudhuri

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November 2019 – December 2019 | Student Android Developer | Rutgers, New Brunswick NJ

Work on a 4-person team to deliver an Android app in Kotlin that recommends places based on sensor data and user input, featuring a quality user interface that explores a novel API.

- Extracted JSON from the Google Places API into a concise info page
- Designed the app to be responsive across all devices
- Created a recommendation algorithm based on exponential sensor data
- Eased collaboration by creating a GitHub repo and merging 100+ commits

April 2019 – April 2020 | Board Member | IEEE Student Branch | Rutgers, New Brunswick NJ

Manage the Rutgers IEEE club to promote robotics, electronics, and computer science to incoming engineers.

- Delivered weekly updates about the N2E coding division of IEEE
- Collaborated with Rutgers faculty to arrange departmental meetings and events
- Increased club participation in IEEE events by 40%

September 2017 – April 2020 | President & Instructor | N2E Coding Club | Rutgers, New Brunswick NJ

Teach students how to code in various languages in small, hands-on workshops.

- Established a syllabus that coincided with introductory C++ classes
- Boosted students' class performance by a letter grade
- Promoted the club through social media and increased attendance by 50%
- Recruited qualified instructors and managed workshop timings

June 2019 – August 2019 | Mobile Engineering Intern | Prudential, Newark NJ

Maintain Prudential's mobile architecture by delivering products that are performant and inexpensive, thereby making everyday tasks from consumers more convenient and reliable.

- Developed a low-cost, high-fidelity indoor navigation system in Swift using a static map image
- Used fixed waypoints and graphing algorithms to determine current location and routing in buildings
- Maintained indoor data in JSON through a web app (front-end: HTML, CSS, & JavaScript, back-end: Python)
- Researched ways to improve the HR process by integrating third-party apps into Dynamics 365

June 2018 – August 2018 | Unix Engineering Intern | Prudential, Roseland NJ

Monitor user interaction with Prudential systems and maintain big data collected from Hadoop servers to improve the deployment of consumer products.

- Monitored CA PIM security applications and increased support by 100 users
- Generated a Python script to send low storage alerts for 3 servers
- Organized data for 3 dashboards using Splunk
- Managed HTML, CSS, client and server-side scripts in ServiceNow
- Analyzed the benefits of quantum computing in the workplace and increased awareness 15%

Bachelor of Science | Rutgers University – New Brunswick | May 2020

- Major: Computer Engineering, Minor: Computer Science
- GPA: 3.9/4.0
- Graduated Summa Cum Laude