

Amruth Pabba

US CITIZEN

Greater Chicago Area

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Education

Rose-Hulman Institute of Technology

Terre Haute, Indiana

MAJOR IN COMPUTER SCIENCE, MINORS IN MATHEMATICS AND ENTREPRENEURSHIP, B.S.

September 2018 to May 2021

- Major GPA: 3.88/4.0
- Vice President for Rose Innovative Student Entrepreneurs (RISE)
- Completed Courses: Data Structures and Algorithms, Software Design, Databases, Artificial Intelligence, Computer Architecture
- Courses in Progress: Programming Language Concepts, Technical Entrepreneurship, Operating Systems

Skills

Computer Languages Python, Java, JavaScript, C, Swift, Ruby
Frameworks and Tools Node.js, Ruby on Rails, Git, Linux, AWS, Docker, Jenkins, CI/CD, Ethereum

Experience

OppLoans

Chicago, IL

FULL STACK DEVELOPER INTERN

June 2020 to August 2020

- Involved in the integration of a new bank partner for loan disbursement.
- Developed a release automation tool to remove manual workload for software releases.
- Implemented health check endpoints in major services for AWS Route 53 Checks.

Independent Consulting

Paris, FR

CONSUMER ORIENTED INTERNET OF THINGS START-UP

June 2019 to August 2019

- Involved with the development of a consumer-oriented Home Automation product.
- Utilized JavaScript and Node.JS to create software that bridges devices with a consumer oriented smart home platform.
- Work is under NDA.

Venture Lighting International

Cleveland, OH

TECHNICAL INTERN

July 2017 to September 2017

- Worked with a team developing an internet-connected lighting controller aimed at the industrial market.
- Selected potential chipsets and developed hardware prototypes for device-to-device communication.

Projects

QuickPi

YOUTUBE CHANNEL

- Manage a YouTube channel focused programming with over **10,500+ subscribers** and **1,650,000+ views**.
- Create projects centering around Home Automation and analysis of Single Board Computers (Raspberry Pi, etc.).

QuickClass

IOS APPLICATION DEVELOPMENT

- Developed an iOS application for a popular classroom management platform.
- Reached **80,000 downloads** and downloaded in almost **90 countries**.
- Launched on Apple App Store in September 2014. Acquired by a Private Party in February 2015.

Honors

- Startup Weekend - Bloomington** Won 1st Place for creating a Software as a Service Product and testing a business plan.
- Startup Weekend - Terre Haute** Won 1st Place for designing a service product and piloting a business plan.
- Weaved IoT Hackathon** Won 1st Place for implementing Apple HomeKit on an existing consumer smart outlet.