

Utkarsh Jain

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Education

BACHELOR OF SCIENCE | PURDUE UNIVERSITY

EXPECTED MAR 2020

- Major in Computer Science and Minor in Math.
- Relevant Courses: Systems Prog., Data Structures, Prog. in C, OOP, Linear Alg., Discrete Math.

Experience

SOFTWARE DEVELOPER INTERN | USAA

MAY - AUG 2018

- Worked on health monitoring system for Data Analytics Insights Platform for USAA on the Enterprise Data Insights team.
- Developed PoC using Apache Flink and Apache Kafka to use compute metrics from beat agents, NiFi modules and streams for data processing and adding it to Hive.
- Created routes to predict failures and outages using compute metrics of associated systems.

CO-FOUNDER AND DEVELOPER | CRYPTOLEAGUE

JAN 2018

- A platform which allows crypto enthusiasts to come together and practice their investment techniques by participating in leagues and win in-game tokens along the way. <https://CryptoLeague.win>. The site has about 50 users and received angel funding from Purdue Foundry.
- Worked on front-end development using Angular 5.0 and backend in Node.JS with MongoDB.

SOFTWARE DEVELOPER INTERN | NATIONAL SCIENCE FOUNDATION

JUN - JUL 2017

- Worked on algorithms to calculate the percentage of graph revealed as shortest path is found between random pairs of nodes across a graph.
- C++ using the SNAP library.

SOFTWARE TESTING INTERN | APPNIQUE.INC

JUN - AUG 2016

- Tested ad-target algorithms across different Facebook profiles and used Assembla for bug tracking.
- Automated testing of the Appnique website across different browsers using Selenium.

Projects

MARCOPOLO (NODE.JS)

- A Facebook chat bot which helps the user shop smarter and faster by automating the process of looking for the best product and contacting the seller.
- Scrapes Craigslist for finding the item the user is looking for, and AI then bargains with the seller to find the best possible price for the buyer; all over text SMS.

MAILMAX (NODE.JS)

- Implemented a function that allows user to send a text and an email to a person at the same time about the same topic, search for a file from the user's Box account and attach a copy with the email, and call a person to remind them of pending emails.
- Won Best use of Mixmax API at MHacks 9 at Michigan, Ann Arbor from over 200 submissions.

SINLESS (ANDRIOD)

- Android app to motivate users to focus, swear less on text, and achieve their daily step goals by tying a financial penalty.
- Won Top 10 Award at Boilermake at Purdue University from over 100 submissions.

Technical Skills

- Advanced Java, C, C++, JavaScript, HTML, Android App Dev
- Frameworks: Angular.JS, Node.JS, Apache Flink, Apache NiFi, Apache Kafka, Hadoop, Hive, MySQL/Azure SQL