

Shikhar Mohan

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EDUCATION

Northwestern University

June 2016

Bachelor of Science, Computer Science

GPA: 3.50/4.00

Relevant Course Work: Data Structures and Algorithms (C#), Human-Computer Interaction, Computing Systems (x86 Assembly), Networking, Artificial Intelligence (Python), Object-Oriented Programming in C++

WORK EXPERIENCE

BarLift App, Co-Founder & CTO

May 2014 - Present

- Developed and currently in the process of launching BarLift's iOS application at Big Ten universities
- Launched an SMS subscription service at Northwestern with 650+ users to test tractionability and viability

Yahoo!, Software Engineer Intern

June 2014 – August 2014

- Designed and implemented a visualization and web service using Java and d3.js in order to monitor Redis configuration and performance in Yahoo's data centers
- Created an Apache Storm topology visualization and is currently pending open source approval
- Built the mission control center web application for Media platform to be used by Yahoo Media engineers

RezEssentials, Co-Founder/Chief Development and Technology Officer

April 2013 – June 2014

- Designed and developed the website which runs on the Shopify e-commerce platform for RezEssentials, a start-up that sells dorm essentials to incoming freshman at Northwestern University
- This website generated over \$50k in revenues in 10 weeks of summer operations
- Led pricing strategy, financial tracking, secured products, and negotiated contracts with suppliers worldwide

General Electric Healthcare IT Leadership Program, Intern

June 2013 - August 2013

- Led the Oracle Enterprise Resource Planning (ERP) system's data remediation effort by meeting with system stakeholders to draft a baseline criteria for inactive inventory organizations and end-of-life items
- Wrote SQL queries to extract almost 500 inventory organizations from the ERP and used the criteria to identify 76 inactive organizations and 800,000 end-of-life items
- Increased item costing process performance by reducing system downtime from four weeks to one week (75%) as a result of ERP data remediation
- Created an SMS enabled (Twilio API) web app using jQuery, PHP/MySQL to simplify GE Help Desk interaction

PROJECT EXPERIENCE

Motorola Breaking Mobile Limits Competition, Software Lead

December 2013 – April 2014

- Team of four students finished in 2nd place in the 10-week competition out of 16 total teams
- Built a prototype vibrating, Bluetooth-enabled wristband that interfaced with Android device to pull Google Maps direction and location data to relay GPS information to the user

ACTIVITIES

HackNorthwestern, President

June 2013 – Present

- Hosting weekly hack nights and company tech talks, organizing a hackathon in Fall 2014 for 400+ hackers

SKILLS

Computer Skills: Java, JavaScript, Python, d3.js, Node, Objective C, Android OS, C#, C++, HTML/CSS