**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