**Naeem Hossain**

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**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Experience\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Computer Science Mentorship Program**                                                     **Sept. 2016 - present**

*Mentor*, New Brunswick, NJ

* Teach and advise 6 mentees about computer science
* Work with mentees to accomplish personal projects in iOS and Java

**Viacom Media Networks - Software Engineering                           Jan. 2016 – Sept. 2016**

*Winter/Spring/Summer Associate,* New York, NY

* Developed Viacom’s iOS/Apple TV applications using both Swift and TVML
* Cooperated with Apple to implement deep-linking and Siri into Apple TV applications
* Used Node.js to write and implement content APIs

**Ruby on Rails Web Development Course                                               Mar. 2015 – June 2015**

*Software Engineer*, New Brunswick, NJ

* Designed course software, developed lesson plans

**Object Data Inc.**                                                                            **Jan. 2013 - Dec. 2013**

*System Administrator*, Freehold, NJ

* Managed company finances and employees, built and maintained servers

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Education\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Rutgers University – New Brunswick, NJ**                          **Sept. 2014 – May 2018 (expected)**

*B.S. in Computer Science – 3.87/4.00*

***Relevant courses:*** Data Structures, Calculus 2, Computer Architecture, Linear Algebra, Discrete Structures. Systems Programming, Principles of Programming Languages

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Skills\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

- Proficient in: Swift (iOS, tvOS, TVML), Java, and C

- Limited experience in: Python, Node.js, REACT-Native, SQL, and JavaScript/HTML/CSS

- Efficient management and cooperative abilities. Can work AGILE both solo and in a team

- Native in English, fluent in Bengali, conversant in Hindi, Urdu, and Tamil

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Leadership\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

- APDA National Championship Tournament, ***Head Organizer***, (2016 - present)

- Rutgers University Debate Union, ***Treasurer*** (2016 - present)

- Undergraduate Student Alliance of Computer Scientists (USACS), ***Secretary***, (2015 - present)

- HackRU Organizer, ***Finance Chair***, (2015 - present)

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_References\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Prof. Andrew Tjang, Rutgers Computer Science Professor: [atjang@cs.rutgers.edu](mailto:atjang@cs.rutgers.edu)

David Kline, CTO of Viacom Media Networks: [dkline@viacom.com](mailto:dkline@viacom.com)

Jennifer Fleiss, Rent the Runway Co-founder: [jfleiss@rtrunway.com](mailto:jfleiss@rtrunway.com)

1600 Pennsylvania Ave, NW,

Washington, DC, 20500

February 3, 2017

Luis Fernandez

Google Tech Recruiter

1600 Amphitheatre Pkwy,

Mountain View, CA 94043

Re: iOS Software Engineer, Mobile Applications

Dear Mr. Fernandez,

It’s an honor to be considered for the iOS engineering position at Google, and I am enthusiastic at what will be a mutually beneficial work relationship. As a brief description, I am a junior studying Computer Science at Rutgers University, with 2+ years of work experience.

Revolutionary technology and engineering companies such as Google deserve industrious workers who possess a drive to contribute. My drive has led to me seek experiences at both startups and larger companies. As such, I have been able to develop a nuanced understanding of both environments. I’m also flexible with working in AGILE frameworks, and am able to develop prototypes efficiently. Additionally, my background in iOS and mobile development caters directly to the requirements, as I have at least 1.5 years of iOS experience, and 6 months of tvOS/TVML experience for forays in Apple TV implementations. I have cooperated with engineers all over the globe, including firms like FlatIron and Apple, and have also worked cross-platform with web developers to universalize content.

Furthermore, I will be able to help Google with expansions in iOS development. I already have an extensive background in Swift as well as JavaScript from writing in TVML. I also have experience with all levels of programming languages, from relatively high-level languages such as Java, to lower-level ones such as C or Assembly. Additionally, I can convert codebases across languages. My previous work experience involved converting Objective-C to Swift, and my CS Degree had me converting Assembly to C. It should also be clear that I’m an expert in the iOS SDK and frameworks, such as XCode, Cocoa-pod development, and even implementation through REACT-Native. Ultimately I believe that my skillset coincides with Google’s ambitions in improving the way that people engage with their services.

Finally, I admire the company’s ambition. Google is a leader that continues to revolutionize industries such as technology and service in extraordinary ways. I admire the spirit of entrepreneurship, design, and engineering that Google embodies, and would be immensely humbled to be a part of that excellence.

I am grateful your consideration and look forward for your response. I am available for contact via email at [nh302@scarletmail.rutgers.edu](mailto:nh302@scarletmail.rutgers.edu), and via phone at (111) 111-1111.

Thanks,

Naeem Hossain

Enclosure

<https://www.google.com/about/careers/jobs#!t=jo&jid=/google/ios-software-engineer-mobile-1600-amphitheatre-pkwy-mountain-view-ca-5440017&>

Posting\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

iOS Software Engineer, Mobile Applications

Mountain View, CA

(Glassdoor pay range) $85,000 - $105,000 annual salary

Responsibilities:

* Design and implement new user-facing features in Google’s large, complex mobile applications.
* Build the libraries and frameworks that support authentication, copresence, and cutting-edge network protocols.
* Optimize mobile applications on the iOS platform.
* Develop prototypes quickly.

Qualifications\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Minimum qualifications:

* BS degree in Computer Science or a similar technical field of study, or equivalent practical experience.
* Software development experience in Objective-C or Swift using iOS or OS X frameworks.
* Working proficiency and communication skills in verbal and written English.

Preferred Qualifications:

* Experience with one or more general purpose programming languages including but not limited to: Java, C/C++, C#, Python, JavaScript, Go, or Swift.
* Comfortable with Objective-C or Swift and have extensive knowledge of iOS development techniques and practices.
* Knowledge of the iOS SDK performance tools and optimization techniques.
* Interest and ability to learn other programming languages as needed.