Neel Patel

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4550 Rona Pl, Fairfax VA 22030

U.S. Citizen

EDUCATION

School of Engineering and Applied Science, University of Virginia Charlottesville, VA
Majors in Computer Science & Financial Economics *(2015-2018)*
Cumulative GPA: 3.6
Rodman Scholar | Graduating in 3 years | CS GPA: 3.7
Github: neelpatel14 (view my source code)

SPECIALIZED COURSEWORK (UP TO FALL 2017)

- Cloud Computing (CS 4740)
- Internet Scale Applications (CS 4501)
- Operating Systems (CS 4414)
- Algorithms (CS 4102)
- Econometric Methods (ECON 4720)
- Theory of Financial Markets (ECON 4340)
- Money and Banking (ECON 3030)
- Inter. Micro/Macro Econ. (ECON 3010/20)

PROJECTS & RELEVANT EXPERIENCE

MicroStrategy (Internship) *May-August 2017*
Software Engineering Intern
- Worked closely with the Cloud Infrastructure and Installations Teams
- Utilized Agile Methodologies on a Scrum Team (~8 people)
- Created application to backup core features of MicroStrategy Platform
- Leveraged Technologies such as AWS CLI, Python, and Git to create and organize application
- 1 of 2 selected to present project demo to entire Technology Team (~300 people)

Django Web Application (Linked on neel-patel.com**):** *March - May 2017*
- Fully functional system built for project specs for an artificial company
- Includes features such as user authentication, uploading/downloading files, encryption/decryption

Website: (neel-patel.com) *June - August 2016*
- Java Web Application (No external templates or code sources)
- Primary languages used: HTML, CSS, JavaScript (including JQuery Lib.) & Java Servlets

JavaScript Web Application: (neel-patel.com/ActiveSettings) *June - August 2016*
- Generates random exercise activities in a loop for any specified time
- Displays with picture, alert type & specified range of repetitions based on activity
- Coded in Vanilla JavaScript/CSS

FreSh Mobile Application: (view on Github) *February-May 2016*
- Crowdsourced application focused on organization of information on campus
- Development stage for iOS devices (coded in Swift on XCode)

OTHER WORK EXPERIENCE

Science Cosmos (Camp Instructor) *August 2016*
Smithsonian Air and Space Museum (Visitor Services) *June-September 2014*

SKILLS

- **Programming languages**: Java, C++, Python, C, Swift, HTML/CSS, JavaScript, Wolfram, Bash Scripting
- **Platforms/ Frameworks:** Amazon Web Services (AWS), Django, Heroku, Java Web Apps
- **Fluent in:** English, Gujarati; basic knowledge of Hindi and Spanish
- **Proficient in:** Linux, MacOS, Windows, Google Apps, Minitab, Inventor, Latex, Mathematica