

Harmannat (Nonie) Grewal

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Education

University of California, San Diego
Bachelor of Science, Computer Science

Expected Graduation: June 2015
GPA: 3.4

Experience

Technical Analyst Intern **Goldman Sachs** **June 2014 – August 2014**

- Persisted data onto Elasticsearch client using cURL and JSON
- Built and designed a web-based application to query and display data using Javascript and HTML
- Implemented data analytic components like graphs, charts, and trees to visualize data statistics and aggregations

Languages Used: HTML, CSS, Javascript **Technologies Used:** Eclipse, Vim

Software Engineering Intern **Cisco Systems** **June 2013 – September 2013**

- Built and designed an iPhone application using Xcode and Objective-C
- Automated wireless site survey process using robotic programming
- Integrated my iPhone application to existing web application using REST API
- Added features to Android mobile application to collect wireless signal strengths from nearby access points

Languages Used: Objective-C, C, Java **Technologies Used:** Xcode, Eclipse, Web Servers

Projects

<http://hgrewal.github.io/noniegrewal/> **May 2014**

- Designed and implemented personal resume website to display project and internship work

Languages Used: HTML, CSS, Javascript

Computer Vision **Association for Unmanned Vehicle Systems** **October 2012 – December 2012**

- Implemented algorithms using OpenCV to dynamically stitch images grabbed from a local directory

Languages Used: C++

Robotic Programming **January 2012 – March 2012**

- Programmed a Scribbler Robot to successfully navigate an obstacle course utilizing built-in light sensors

Languages Used: Python

Leadership

Vice President **Women in Computing at UCSD** **2014 – Present**

- Organized networking and career development events for WIC members
- Coordinating logistics for sending WIC members to outreach events

Programming Competition Chair **Women in Computing at UCSD** **2012 – 2014**

- Coordinate and handle logistics of quarterly programming competitions held on campus for over 150 students
- Delegate responsibilities and oversee processes for writing questions, implementing solutions, and running tests

Instructor **Hour of Code** **December 2013**

- Mentored and taught young students below the age of twelve Computer Science skills at local community center.

Student Ambassador **HackerRank** **June 2014 - Present**

- Coordinate HackerRank hackathons and coding competitions on UCSD campus

Relevant Skills

Languages: Java, C++, C, Javascript, HTML, CSS, Objective-C, Python, Scala
IDEs/Tools: Eclipse, Xcode, AquaData, Vi/Vim
Concepts: Agile Development, Mobile Development, Web Development, Design Principles