

Email: mburman@cmu.edu
Ph: (310) 948 2372

Manish Burman
<https://github.com/mburman>

SMC 3757, 5000 Forbes Av
Pittsburgh, PA 15213

Objective	To obtain a summer internship in the field of Computer Science and/or Engineering	
Education	Carnegie Mellon University, Pittsburgh PA Bachelor of Science in Electrical & Computer Engineering Minor - Computer Science Cumulative QPA - 3.69	May 2014
	Bishop Cotton Boys' School, Bangalore India Indian School Certificate - Rank 3/91	March 2010
Related Coursework	Current: • Parallel Computer Architecture & Programming • Secure Programming • Structure & Design of Digital Systems Past: • Introduction to Computer Systems • Programming in C & Unix • Fundamental Data Structures & Algorithm	
Skills	Languages: C, Java, Objective C, Javascript, CSS3, HTML, Perl, x86 Assembly Mobile Development: Experienced in Android and iOS (Cocoa) development Other Platforms/Libraries: jQuery, Google App Engine, Git (Version Control Systems) Applications: Eclipse, XCode, Adobe Photoshop, Indesign	
Projects	NavCMU • Developed an indoor navigational tool for the Carnegie Mellon campus. • Worked with 2 others to map the entire campus (both inside & out) & used a shortest path algorithm to find the quickest route between any two places. • Developed both the iOS & Android versions of the application. • Developed a system to authenticate certain user groups and restrict access of the app to only authenticated users. • Received a Small Undergraduate Research Grant (SURG) from CMU, previously, to help fund the project. • Won awards at the CMU Undergraduate Research Symposium from IBM, Yahoo & Johnson & Johnson.	Oct 2010 - Present
	CMU Police - Rapid Deployment & Training • Working with the police department to develop an application based off NavCMU to aid in rapid deployment of forces during emergency situations on campus. • The application would aid in route finding as well as real time tracking of forces.	Sep 2011 - Present
Work Experience	Carnegie Mellon Cylab, Pittsburgh PA <i>Undergraduate Researcher</i> • Developed SafeSlinger with a team for the iPhone & Android platforms to enable large groups of users exchange data securely between themselves • Developed an automated test tool to simulate user touch screen interactions which helped identify memory leaks in the iOS application • Created a logging system which sent error reports to a server for crash analysis • Participated in regular meetings & discussions with a team of 5 at Cylab	Feb 2011 - Present
Activities & Honors	• Dean's List (Fall 2010) • Active member of the CMU robotics & cricket clubs • 4th place in the National TCS IT Quiz Competition (July 2009) • Represented India in the Asian Regional Space Settlement Design Competition (Dec 2009) • Received the Mahindra & Mahindra award for Academic Excellence (June 2010)	