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Permanent Address
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U.S. Citizen

EDUCATION	Carnegie Mellon University, Pittsburgh, PA Bachelor of Science in Electrical and Computer Engineering (ECE) Overall GPA: 3.84/4.00	May 2016
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RELEVANT COURSES	Introduction to Computer Systems Structure and Design of Digital Systems Humanoids Signals and Systems	Object Oriented Software Design and Construction Web Application Development * Foundations of Software Engineering * Embedded Real-Time Systems *	* currently taking
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SKILLS	Languages: C++, C, Java, C#, XAML, XML, SQL, Verilog, Python Frameworks & Libraries: GDAL, STL, .NET, LINQ, WPF, Boost, Django
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PROJECTS	First Impressions Android App <ul style="list-style-type: none">Creating a game that measures the similarity of two facial expressions.Using Haar Cascades to find facial features and Eigenfaces for recognition.Using the Facebook SDK in order to gain access to source images, and also to let people compare impressions with their friends.	Summer 2014 - present
	Library Study Area Availability Tracker <ul style="list-style-type: none">Working with a small team to develop a system that detects when students are using library spaces, and updates the library website in real time.Originally a Build 18 Hackathon project. Now implementing in a Carnegie Mellon Library.	Spring 2014 - present
	Haptic Feedback Assistance Device for the Visually Impaired <ul style="list-style-type: none">Helped create a wristband that uses ultrasonic rangefinders to detect obstacles, and applies pressure proportional to the proximity of the obstacle.Awarded the Yahoo! Undergraduate Research AwardFunded by a Small Undergraduate Research Grant from Carnegie Mellon	Fall 2013

WORK EXPERIENCE	Carnegie Mellon University, Pittsburgh, PA Teaching Assistant <ul style="list-style-type: none">18-240: Structure and Design of Digital Systems	Fall 2014
	Bohemia Interactive Simulations, Pittsburgh, PA Software Development Intern <ul style="list-style-type: none">Developed a tool for combining multiple geo-referenced satellite images into a mosaic.Worked on a supervised classification system for identifying different ground coverings in geo-referenced satellite images. Familiar with both raster and vector images.Worked with C++/STL, C, Boost, GDAL, Protobuf, XML, SQLite	Summer 2014
	Hyland Software, Westlake, OH Software Development Intern <ul style="list-style-type: none">Created a Wizard that helps users setup new Document Workflows. Gained experience contributing to a large, internationalized code base.Trained in .NET, C#, XAML, and Windows Presentation Foundation	Summer 2013

HONORS	Yahoo! Undergraduate Research Award <ul style="list-style-type: none">Description: "Yahoo! will be looking for interesting and creative projects in the area of mobile computing/applications and use of location awareness and Web-accessed local information."Awarded to Haptic Feedback Assistance Project at the Carnegie Mellon Meeting of the Minds Research Symposium.	Spring 2014
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CIT Dean's List: Spring 2013 – Present

Presidential Scholarship Recipient: Fall 2012 – Present