

Claire A. Durand

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EDUCATION	Temple University, Philadelphia, PA <i>Bachelor of Science</i> , Electrical Engineering GPA: 3.72, Dean's List: Fall 2012-Spring 2016	May 2016 - <i>Magna cum laude</i> Computer Engineering Concentration
COURSEWORK	Data Structures Signals & Systems	Software Tools for Engineers Stochastic Processes
TECHNICAL SKILLS	Python, Java, C, OpenCV, Data Science, C#, MATLAB, Javascript, MS SQL, Verilog, Assembly	
RELEVANT EXPERIENCE	<p><i>Data Science Fellow</i> June 2016-August 2016 Mashable, Data Science Team, New York, NY</p> <ul style="list-style-type: none">• Extracted feature descriptor vectors from a corpus of 140k images using OpenCV SURF and fchollet's deep learning models• Represented corpus of 37k images using Bag of Visual Words <p><i>Business Analyst Intern</i> June 2015-August 2015 JP Morgan Chase & Co., Consumer and Community Banking, Newark, DE</p> <ul style="list-style-type: none">• Extracted and manipulated inventory data using MS SQL and Excel pivot tables• Produced and delivery reports and presentations on performed analysis <p><i>Lab Assistant in CIS 1057</i> January 2014- May 2016 Computer & Information Sciences Department, Temple University</p> <ul style="list-style-type: none">• Lead weekly laboratories and troubleshoot students' error messages for a class of 20-30 undergraduates taking Introduction to Programming in C.• Conduct weekly office hours and grade students' projects <p><i>Research Assistant</i> September 2013-June 2014 Electrical and Computer Engineering Department, Temple University</p> <ul style="list-style-type: none">• Designed and 3D printed small project components.• Wrote & gave presentations for graduate students in the Computer Fusion Lab. <p><i>Research and Development Intern</i> June 2014-August 2014 Pochet du Courval, Research & Development, Normandy, France</p> <ul style="list-style-type: none">• Devised a system to automate photo capture of glass bottles at all angles, assemble the photos in a fluid animation, and manipulate the animations using motion captures for a French high-end glass manufacturing company.• Delivered a functional prototype with documentation upon completion of the internship	
ACTIVITIES & PROJECTS	<p><i>Temple WaterfOWLS</i>, Senior Design Project July 2015-May 2016</p> <ul style="list-style-type: none">• Optimize vision system of an autonomous unmanned boat for the AUVERSI RoboBoat competition using OpenCV <p>Clarifai Champions, <i>Class of 2016</i></p> <ul style="list-style-type: none">• Project-based developer evangelist mentorship program to develop demo-building, public speaking, and documentation writing skills• Practice with Clarifai's visual recognition API <p>HackNY Fellow, <i>Class of 2016</i></p>	

<http://github.com/eeclaire>