

Claire A. Durand

New York, NY

claire.durand@temple.edu
(717) 460-6116

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 Differential Equations	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-present 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 vgg19 deep learning models• Currently building an image classifier trained on Mashable's Retronaut series in order to cluster 11k images pulled from the Library of Congress based on visual content <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 delivered 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 troubleshooted students' error messages for a class of 20-30 undergraduates taking Introduction to Programming in C.• Conducted weekly office hours and graded 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 AUVSI 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>

