Claire A. Durand

New York, NY
claire.durand@temple.edu
(717) 460-6116

EDUCATION

Temple University, Philadelphia, PA — May 2016 - *Magna cum laude*
Bachelor of Science, Electrical Engineering — Computer Engineering Concentration
GPA: 3.72, Dean's List: Fall 2012-Spring 2016

COURSEWORK

Data Structures
Signals & Systems
Software Tools for Engineers
Stochastic Processes

TECHNICAL SKILLS

Python, Java, C, OpenCV, C#, MATLAB, Javascript, MS SQL, Verilog, Assembly

RELEVANT EXPERIENCE

Data Science Fellow — June 2016-August 2016
Mashable, Data Science Team, New York, NY
- Extracted feature descriptor vectors from a corpus of 140k images using OpenCV
- Established a codebook of 5000 feature vectors

Business Analyst Intern — June 2015-August 2015
JP Morgan Chase & Co., Consumer and Community Banking, Newark, DE
- Extracted and manipulated inventory data using MS SQL and Excel pivot tables
- Produced and delivery reports and presentations on performed analysis

Lab Assistant in CIS 1057 — January 2014- May 2016
Computer & Information Sciences Department, Temple University
- 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

Research Assistant — September 2013-June 2014
Electrical and Computer Engineering Department, Temple University
- Designed and 3D printed small project components.
- Wrote & gave presentations for graduate students in the Computer Fusion Lab.

Research and Development Intern — June 2014-August 2014
Pochet du Courval, Research & Development, Normandy, France
- 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

Temple WaterfOWLS, Senior Design Project — July 2015-May 2016
- Optimize vision system of an autonomous unmanned boat for the AUVSI RoboBoat competition using OpenCV

Clarifai Champions, *Class of 2016*
- Project-based developer evangelist mentorship program to develop demo-building, public speaking, and documentation writing skills
- Practice with Clarifai's visual recognition API

HackNY Fellow, *Class of 2016*

http://github.com/eeclaire