

Laurence Putterman

laurenceputterman.me | mlputterman@gmail.com | 914-874-4416

EDUCATION

University of Pittsburgh

B.S. Computer Science, Spring 2017
University of Pittsburgh Scholarship

Thornton Donovan High School

Class of 2012, New Rochelle, NY

COURSEWORK

Computer Organization and Assembly
Intro to Systems Software
Algorithm Implementation
Formal Methods
Discrete Structures
Data Structures
Brain and Behavior

SKILLS

Languages

Python, Java, PHP, HTML
CSS, JavaScript, JQuery

Tools

AngularJS, Ionic, Laravel, Git
Adobe Photoshop + Illustrator

EXPERIENCE

Software Engineering Co-op, Savvior Technologies

September - December 2015 | Pittsburgh, PA

Developed production PHP code for projects using Laravel, Doctrine ORM, and SQL. Contributed to a client's web service administrator portal. Independently produced a hybrid mobile application for a client using Ionic Framework and PHP for the backend API services.

Software Engineering Intern, Zen Digital

March 2015 | New York, NY

Built a Google Chrome extension to access the Google Drive API and Google Picker API to save bookmarks to a user's Drive account. Became familiar with JavaScript and learned to navigate Chrome's security over the course of this two week project.

Business Analyst Intern, Javelin Capital Markets

July - August 2014 | New York, NY

Constructed flowcharts, UI mockups, and specification documents for new features to be implemented in the Javelin SEF software platform. Assisted in developing Voice RFQ, a feature allowing traders to request quotes on products from within the platform. Communicated with the business and technology teams to research user needs and feasibility.

HONORS

TouchTone, Grand Prize Winner, Red Bull Hack the Hits 2016

Created a MIDI instrument out of "thinpot" sensors, an Arduino and a Leap Motion. The Arduino sends data to a custom Max for Live patch that controls the output of sound, while the Leap Motion allows the user to modulate effects by changing hand gestures.

Shoe-In, Grand Prize Winner, Hack Grand Central Tech 2015

Platform enables non-profit organization donors to see the direct impact of shoe donations. Efficacy of the organizations being donated to is tracked over time, requiring a higher degree of accountability.

INTERESTS

Fascinated by machine learning and natural language processing. Enjoys working with designers on side-projects. Produces electronic music. Cello player since age 5.