

Christopher Wei
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Education

Carnegie Mellon University, Pittsburgh, PA, Class of 2017
Bachelor of Science in Electrical and Computer Engineering (Expected)

QPA: 3.68/4.00

Relevant Courses: 15-410, Operating System Design and Implementation
60-412, Interactive Art and Computational Design

Honors: Fall 2013 Carnegie Institute of Technology Dean's List
Lambda Sigma Honors Society

Related Work: 15-112 Term Project Video: <http://tinyurl.com/wei15112>
Real Time Data Visualization: <http://optdemo.nec-labs.com/>
Hackathon "Pizza PLZ" (Honorable Mention): <http://pizzaplz.net46.net/>
Hackathon "Money PLS" (Microsoft Best Use of Azure) <http://moneyppls.herokuapp.com/>
Hackathon "NewsBot" (American Express Case Winner)

Github: <https://github.com/chrisjwei>

Skills

Programming Experience – C, Python, C#, .NET framework, JavaScript, SQLServer/MySQL, PHP, Matlab

Past Work & Leadership

Applied Predictive Technologies, Arlington, VA

May – July 2015

Software Engineer Intern

- Worked on a full stack project with the Category Management Insights team to create an output to represent results from an analysis. The feature is currently in production and being used by clients and client teams
- Worked on a back-end project with the Test and Learn Dashboard team to query for old "sites" analysis results alongside the new events analysis results in order to ease the transition between the two.

NEC Labs America, Princeton, NJ

May – August 2014

Research Intern

- Worked with Optical Networking group to develop a lightweight trace gas sensing device with lasers operating at the mid-infrared range to deliver mobile gas concentrations in real time by using wavelength modulation spectroscopy.
- Wrote and optimized data processing code that calculate gas concentration
- Built and managed a website and database used to visualize data points in pseudo-real time using Google Earth API. (see optdemo.nec-labs.com)

Taiwanese Students Association, Pittsburgh, PA

2013 – Current

President