

Peter Woo

> Computer Scientist, Software Developer, Mathematician

> E-mail: pywoo2@illinois.edu | Phone : (201) 661-3936 | Github: [weterpoo](#) | LinkedIn: [pywoo](#)

Education

University of Illinois at Urbana-Champaign Urbana, Illinois

- > Expected Graduation: May 2018
 - > Major: Computer Science
 - > Minor: Mathematics
 - > Awards & Honors: James Scholar, University Achievement Scholarship
 - > Selected Coursework:
 - > Data Structures - CS 225
 - > Probability Theory - MATH 461
 - > Database Systems - CS 411
 - > Theory of Computation & Algorithms- CS 498
 - > Computer Architecture - CS 233
-

Experience

Researcher Biomedical Entity Relation Mining (September 2015-December 2015)

- > Working as a researcher on PubMed which is the industry and research standard for medical NLP corpus and collections. This is done under TianXiao a grad student working in Kevin Chang's Information Retrieval lab.

Systems Intern State Farm Research & Development Center (May 2015-August 2015)

- > Created a multimedia chat system for clients and agents to use when creating claims. This product allowed for more rapid and informative interactions and is projected to increase customer retention.

Executive Course Staff, Web Lead, Lecture Lead, Office Hours Lead CS 196 @ UIUC (January 2015-Current)

- > CS 196 is the reimagined honors section for CS 125 (Introduction to Computer Science), which attempts to approach the way Computer Science is taught at the university level from a fresh and practical perspective. The course is team and project oriented in nature. I am currently on the Executive Committee for the course and helping design and deliver the course from the bottom up.

Startup Co-Founder Chagos Archipelagos (December 2015-Current)

- > Currently in the top 38% of Cozad New Venture Competition. An application that makes travelling the world more accessible and online content more dynamic.

Engineering Tour Guide UIUC College of Engineering (December 2015-Current)

Engineering Ambassador UIUC College of Engineering (December 2015-Current)

Projects

TourUs (People's Choice Award & Top 8 Award) Hackathon/Web-Project (September 2015)

- > Created at Washington University Hacks, TourUs is a crowdsourcing platform for tour guides. It uses meteor.js for its backend framework, and called upon the Google Maps API.

Waterbase Web-Project (October 2015-December 2015)

- > A sentiment tracking chat engine. Created sentiment classifier from scratch. Used graphs to follow person2person sentiment. Also created an AI bot that learns from human conversations and scrapes the web for information.

WebYou Hackathon/Research/Web-Project (October 2015)

- > A chrome extension that creates a real-time updated personality profile based on the URLs that you visit. The technologies used include, python, IBM's AlchemyAPI, Google's Search API, beautifulsoup, and more.

IlliniStudent Project Manager/Web-Project (January 2015-May 2015)

- > A web application that aggregates tasks for UIUC students from multiple websites, and puts it all in one place. I acted as a Product manager for this specific project, leading 12 students with one other PM using the agile workflow, Scrum.

Gnomenwald Software-Project (July 2014-August 2014)

- > A Java program that emulates human desire to travel due to financial motivations. The program uses common algorithm, data structure, systems and object-oriented concepts such as Minimum Spanning Trees, Multithreading, and more. Contains 21 classes and several thousands of lines of code.
-

Technical Skills

- | | | | |
|---------------------|--------------|---------|-------|
| > Java | > HTML | > CSS | > Git |
| > C++ | > JavaScript | > Linux | > SQL |
| > Autodesk Inventor | > Python | | |