

OBJECTIVE

To obtain a summer internship and join a dynamic team environment where I can further extend my experiences and contribute my own abilities to a project.

EDUCATION

UNIVERSITY OF ILLINOIS
B.S., Computer Science

Urbana-Champaign, IL
Anticipated May 2017
GPA: 3.7

WORK EXPERIENCE

Edward Madigan Laboratory (Vodkin Lab)
Software Engineer

Urbana, IL
April 2014-Present

- Designed Python and bash scripts to analyze and display data obtained from Bowtie2 runs on soybean DNA and RNA sequences

Chicago Chair and Stool Incorporated (eHemco)
Programmer

Elgin, IL
Summer 2013

- Designed a shipment program pulling information from Amazon.com seller data
- Reduced data entry time from over 4 hours to under 10 minutes

Test Coach Corporation
Product Tester

Lake Zurich, IL
Sept. 2011-Feb. 2012

- Operated flying probe circuit testers

VOLUNTEER EXPERIENCE

CS125 Introduction to Computer Science
Course Assistant

Urbana, IL
January 2014-Present

- Aid the teaching assistant with running lab activities and hold office hours for all students

Make More Music
Music Assistant

Urbana, IL
January 2014-Present

- Volunteer at the local middle school 5th graders with their orchestra rehearsals

Alexian Brothers Medical Center
Volunteer

Elk Grove Village, IL
Sept. 2011-March 2013

- Assisted patients and visitors with any of their requests

PROJECTS

Mathematica Demonstrations Author

- Created a mathematical representation of how modal variables in music change the perception of mood
- Published by Wolfram for public viewing on the internet

SIGMusic Engineering Open House 2014

- Working with a Leap Motion controller to create a Human Computer Interaction demonstration involving physics and dynamically generated tunes.

SKILLS

Computer Skills: Python, C++, Java, Javascript, HTML, Mathematica, Visual Basic, Unix-based Systems, NodeJS

Language Skills: Chinese(Mandarin) – proficient, French – intermediate