

TYLER KRUPICKA

site@tylerkrupicka.com | tylerkrupicka.com | github.com/tylerkrupicka
linkedin.com/in/tylerkrupicka

Objective

Seeking software development or computer engineering co-op summer 2016 or spring 2017.

Education

Rochester Institute of Technology

2013-Present

Notable Coursework:

B.S. in Computer Engineering. Minor in Computer Science. Dean's List 2013-2015; 3.63 GPA.

Computer Science 1-3, Digital Systems Design 1-2, Natural Language Processing, Assembly Language, Software Engineering, Statistics.

Skills

Proficient: Python, Javascript, Web Dev (HTML, CSS, SASS, JQuery), Java, C, ARM Assembly, VHDL.

Experience: Natural Language Processing, Node.js, AngularJS, PHP, Digital Logic/Electronics, FPGAs.

Frameworks/Tech Used: Django, Flask, Ionic/Cordova, Chrome Dev Tools, NLTK, Gensim, Redis, Elasticsearch, SQLite, Socket.io, OpenCV, Tweepy, Alexa Skills Kit.

Tools: Linux, Modelsim, Xilinx ISE, Keil uVision, Vim, JetBrains, Git, SVN, CVS, Pronterface/Repetier, Inventor/SolidWorks, Mill and Lathe Machining, Adobe Creative Suite.

Employment

Software Engineering Coop

Intuit Inc.

July-Dec 2015

Software Engineer on an internal R&D team for TurboTax. I worked on a variety of projects in NLP, virtual assistance, data analysis, and product design. My role also included sharing new technologies within the consumer tax group.

CIAS Lab Technician

Rochester Institute of Technology

2014 - Present

Maintain student labs, assist students and faculty, provide technical support for the College of Imaging Arts and Sciences.

Projects

GIF Dance Party Extension: Chrome extension inspired by the gifdanceparty.giphy.com.

ValleyGirl: Chrome extension that discreetly clicks every Facebook like button.

AR Drone Challenge: Team autonomous drone challenge (using node.js) for Imagine RIT in May.

3D Printers: Build, operate, and maintain a Kossel Clear and Prusa Mendel i2.

Staticky: Static site generator / content manager written in Python. Used to run personal website.

Defiantly.me: A Django website that uses machine learning to identify misuse of "defiantly" on twitter.

PlayVis: Natural language processing analysis for Shakespeare. (github.com/Nolski/playvis).

Gobblet AI: 2nd Place Java artificial intelligence team project for the RIT CS Department.

Some more projects and details can be found on my website.

Activities

RIT Computer Science House

FIRST Tech Challenge Robotics Captain

2010 – 2013

Two appearances at FIRST World Championships.

Boy Scouts of America (Eagle)

2007 – 2012