

TYLER KRUPICKA

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github.com/tylerkrupicka

Objective

Seeking full time computer engineering or software development co-op employment June-August 2015.

Education

Rochester Institute of Technology

2013-Present

Notable Coursework:

B.S. in Computer Engineering. Minor in Mechanical Engineering. Dean's List 2013-Present; 3.86 GPA.
Computer Science 1-3, Digital Systems Design, Language Processing, Assembly Language, Software Engineering.

Portland Community College

2011-2013

78 combined credits between programming, machining and common core classes. 4.0 GPA.

Skills

Proficient in: Java, Python, QBasic, Repetier/Pronterface, Arduino, Autodesk Inventor, Lathe and Vertical Mill Machining, Adobe Creative Suite.

Familiar with: C, Digital Logic/Electronics, Natural Language Processing (NLTK), VHDL, ARM Cortex Assembly, HTML, CSS.

Employment

CIAS Lab Technician

2014 - Present

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

Freelin Wade Company

Summer 2013

Engineering/Marketing intern in a large plastic tubing manufacturing facility.

Projects

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

Staticky: Static site generator / content manager written in Python.

Defiant Lee: A machine learning twitter bot that alerts users if they mistype "defiantly."

FTC-Automate: C configuration for quickly coding and automating FTC robots.

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.

Activities

Computer Science House Member

csh.rit.edu

2013 – Present

WITR Radio Station Member / Reviewer

witr.rit.edu

2013 – Present

FIRST Tech Challenge Robotics Club Founder / Captain

2010 – 2013

Boy Scouts of America (Eagle)

2007 – 2012