

GARY GROSSI

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Skills

PROGRAMMING

Android Development
Java
C
C++
Python
Unix
HTML/CSS/JavaScript
git
Subversion
C#
MATLAB
VHDL
Visual Basic
VBA

SOFTWARE

Unity
MultiSim
PSpice
AutoCAD
Creo Parametrics
Microsoft Office
GameMaker: Studio
Adobe Photoshop
InkScape

HARDWARE

Arduino
Raspberry Pi
PSoC
Thalmic Myo
Oscilloscope
Soldering Iron
Multimeter
Function Generator
DC Power Supply

COURSE WORK

Systems Programming
Advanced Programming Techniques
Advanced Programming for Engineers
Design with Microcontrollers
Computer Architecture
Electric Circuits
Digital Logic Design

Education

Drexel University
Bachelor of Science Computer Engineering 2017
Minor Entrepreneurship 2017

Employment

Scholly	Philadelphia, PA
Software Developer	May 2016 to Aug 2016
<ul style="list-style-type: none">Developed new features and maintained the Scholly Android application in Android StudioProposed and designed new concepts for the Scholly platformParticipated in product development discussions	
PJM Interconnection	Audubon, PA
Software Developer	Mar 2015 to Sep 2015
<ul style="list-style-type: none">Programmed web applications using Java Enterprise EditionLearned object oriented programming concepts and design patternsUtilized PL/SQL to transform and migrate information between databases	
Engility Corporation	Princeton, NJ
Supercomputer Operator	Mar 2014 to Oct 2014
<ul style="list-style-type: none">Monitored the status of multiple supercomputers used for scientific researchCreated a service catalog using HTML, CSS, and JavaScriptInstalled and assisted in setting up new servers in the computer room	

Projects

TweetToLock
<ul style="list-style-type: none">Built a Twitter operated lock box using a Raspberry PiProgrammed control software for the servo motor in PythonUtilized Twitter API to interface between the device and Twitter
Freshman Game Design Project
<ul style="list-style-type: none">Worked in a group to design a vertical platform video gameUtilized GameMaker: Studio to program the gameMaintained project blog and presented outcome at the end of term

Awards

Institute of Electrical and Electronics Engineers · Darrel Chong Award	Jul 2015
The Darrel Chong Award for Best Activity was presented to the DragonHacks team for our 24 hour hardware hackathon.	
Institute of Electrical and Electronics Engineers · Exemplary Student Branch Award	Jul 2015
MicroMouse Competition · Second Place	Apr 2015
HackTheNorth · Best Myo Hack	Sep 2014
IEEE Hackathon on Embedded Systems · Third Place	Nov 2013
hack4good Philadelphia · Second Place	Oct 2013
Drexel University · Dean's List	Dec 2012

Activities

DragonHacks · Co-Director	Sep 2014 to Current
Drexel Game Developers Group · Fundraising Chair	Mar 2016 to Current
Institute of Electrical and Electronics Engineers, Drexel Chapter · Vice President	Apr 2014 to Jan 2016
Race Hall Council · Floor Representative	Oct 2012 to Jun 2013