

Damon Georgiou

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TECHNICAL SKILLS

Computer Languages: Java, Swift, C/C++, HTML, CSS, jQuery, JSON, XML, JavaScript/Node.js,

Software: OOP, MVC, Unit Tests, Firebase, RESTful consumption, Version Control/Git, Agile, Threading, Singleton, Fragments, Glide, Picasso, Storyboard, Interface Builder, CocoaPods, CreateML, NoSQL/SQL Databases, Payment Gateways, State machines

Hardware: Arduino, MSP430, Raspberry Pi, Embedded systems, FPGA, Analog sensing, Digital actuation, Basic PCB knowledge

IDE's: Android Studio, Xcode, Affinity Designer, Matlab + Simulink, Code Composer Studio, Cadence, Multisim, Microsoft Office

Miscellaneous: 3D Printers, Linux, Basic networking knowledge, State-space control, TensorFlow, EEG/fNIRS data collection/processing, Briefly studied Neural Engineering/AI in graduate school (dropped out to pursue business)

PROJECTS

Ecommerce App (SlimeE in App Store, Slime in Play Store)

Personal Project, 2019

Strawberry or Nah iOS App

Personal Project, 2019

Blackjack iOS App

Personal Project, 2018

- Complex decision tree

Security Camera with Computer Vision

Personal Project, 2018

- Raspberry Pi, OpenCV, Python

East Passage Photography Website (east-passage.com)

Business Project, 2018

Low-Cost Sustainable Prosthesis

Sponsored by URI and ESL, 2017

- EEG and fNIRS paradigm exploring somatosensory response to vibration stimuli
- Part selection, schematic design, firmware dev; Schematic/PCB debugging

Low-Cost Human Machine Interface

Sponsored by Siemens, 2016

- Wifi, Bluetooth, Ethernet, USB/I2C/SPI/GPIO interfaces

Low-Cost Brain Computer Interface

Personal Project, 2016

- Control TV remote system through EEG and minor body movement

Automated Food Dispenser

URI Microprocessors course, 2014

- Components: Arduino, Wifi shield, web page, servo motor, load cell

ONLINE COURSES

Google's Tech Dev Guide: Foundations of Programming; Machine Learning Crash Course

Udemy: Complete Ethical Hacking Course; Complete Cyber Security Course; Web Developer Bootcamp

EDUCATION

2014 - 2017 **University of Rhode Island, Kingston, RI**

GPA: 3.71

Bachelor of Science in **Electrical Engineering**

Dean's List 2014 - 2017

2012 - 2014 **Community College of Rhode Island, Warwick, RI**

Associate in Science in **Engineering**

Dean's List 2012 - 2014

WORK EXPERIENCE

2018 - Present **Entrepreneur**

2017 - 2018 **CoOp URI & Electro Standards Laboratories, Internship**

- Reference Low-Cost, Sustainable Prosthesis in Projects for more details

2016 - 2017 **Teacher's Assistantship, University of Rhode Island**

- Electrical/Computer Engineering Capstone; Linear Circuits Lab

2013 - 2016 **The North End Pizzeria, Portsmouth, RI**

- Multitasking in a fast-paced work environment; Customer service experience

AWARDS, HONORS, AND EXTRACURRICULARS

- Tau Beta Pi, National Engineering Society

- CITI Group 2 and CITI RCR Certified

- Self-taught guitar and piano

- Scholar-Athlete Award, CCRI

- Soccer: CCRI; RI Rams (C); Bayside FC (C)