# Damon Georgiou

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## TECHNICAL SKILLS

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

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

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

**Hardware:** Arduino, MSP430, Raspberry Pi, Embedded systems, Basic PCB knowledge

**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 and Play Store)**      Personal Project, 2019

**Minesweeper Android App (Minesweeper Basic in Play Store)**      Personal Project, 2019
- Flood fill algorithm

**Blackjack iOS App**      Personal Project, 2018
- Complex decision tree

**East Passage Photography Website (east-passage.com)**      Business Project, 2018

**Security Camera with Computer Vision**      Personal Project, 2018
- Raspberry Pi, OpenCV, Python

**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; Beast Android Development: Integrating a Node.js Server; iOS 11 & Swift 4: From Beginner to Paid Professional; iOS 10 & Swift 3: From Beginner to Paid Professional; Black Algo Trading: Build Your Trading Robot

## 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

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|---|---|
| 2018 - Present | **Entrepreneur** |
| 2017 - 2018 | **Co-Op URI & Electro Standards Laboratories** |
| | • 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 |

## 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