Damon Georgiou

(401) 862-9813   damongeorgiou.com   georgioudamon@gmail.com

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**

TECHNICAL SKILLS

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

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

Hardware: Arduino, TI's MSP430, Raspberry Pi, 3D Printers, Embedded systems, FPGA, Analog sensing and actuation devices, Basic PCB knowledge, Low-power electronics

Miscellaneous: Full-stack developer, Object Oriented Programming, MVC Framework, Threading, Firebase, AWS, NoSQL/SQL Databases, Payment Gateways, WordPress, Version Control, Project Management, EEG/ fNIRS data collection/processing, State-space control, Cryptocurrency algorithmic trading, Linux, Basic networking knowledge, Options Market trading, Briefly studied Neural Engineering/AI in graduate school

PROJECTS

Ecommerce iOS App (SlimeE in App Store)   Personal Project, 2019

Strawberry or Nah iOS App   Personal Project, 2019
- Xcode's Create ML framework; Speech synthesizer

Security Camera with Computer Vision   Personal Project, 2018
- Raspberry Pi, OpenCV, Python; Send email with captured image when classifier is triggered

Blackjack iOS App   Personal Project, 2018
- Complex decision tree

East Passage Photography Website   Business Project, 2018
- Business website for East Passage Photography

Low-Cost Sustainable Prosthesis   Sponsored by Electro Standards Laboratories, Cranston, RI, 2017
- EEG and fNIRS paradigm exploring somatosensory response to vibration stimuli
- Part selection, schematic design, firmware dev; Schematic/PCB debugging; analog sensing, PWM actuation

Low-Cost Human Machine Interface   Sponsored by Siemens, Norwood, MA, 2016
- Led six-member multidisciplinary team
- Individual responsibilities: Bluetooth, Wifi, 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, cereal dispenser

WORK EXPERIENCE

2018 - Present	**Entrepreneurial Research**
2017 - 2018	**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
2010 - 2013	**Management in Food Businesses: KC's Cafe, Braga's Grinder & Pasta**, Newport, RI
	• Product management; Staff management

AWARDS, HONORS, AND EXTRACURRICULARS

- Tau Beta Pi, National Engineering Society
- CITI Group 2 and CITI RCR Certified
- Self-taught guitar and piano; Blackjack; Poker
- Scholar-Athlete Award, CCRI
- Athletic scholarship, CCRI
- Soccer: CCRI; RI Rams (C); Bayside FC (C)