Damon Georgiou

401-862-9813   damongeorgiou.com   georgioudamon@gmail.com
github.com/dngeorgiou   stackoverflow.com/users/6642016/damon

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

3/19 - Present   **Software Consultant,** University of Rhode Island
- Consultant for a project with ON Semiconductor, providing leadership to a team of students.

4/18 - Present   **Entrepreneur**
- Mobile and Web software development.

6/17 - 4/18   **Embedded Systems Engineer Intern, Electro Standards Laboratories**
- Lead electrical engineer, embedded system design and development. (C/C++, Assembly)
- Part selection, schematic design, firmware dev; Schematic/PCB debugging; Analog sensing, PWM actuation.
- Fixed flaw in senior engineers JTAG interface design and worked with manufacturing to correct the issue on the PCB.

9/16 - 6/17   **Teacher's Assistantship**, University of Rhode Island
- Electrical/Computer Engineering Capstone; Linear Circuits Lab

PROJECTS

SlimeE (in App Store and Play Store)   Personal Project, 2016 - Present
- Design database, UI/UX, and develop all corresponding code of Ecommerce mobile app. (Java, XML, Swift)

Minesweeper Basic (in Play Store)   Personal Project, 2019
- Computer Science fundamentals including OOP and Flood fill recursive algorithm. (Java, XML)

East Passage Photography Website (east-passage.com)   Business Project, 2018 - Present
- Reduced online presence expenses by 30% by redesigning and switching hosting platform of business website. (HTML, CSS, JavaScript)

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

Blackjack iOS App   Personal Project, 2018
- Complex decision tree. Usage of basic statistics. (Swift)

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
- Developed code to take EEG data as input and actuate LED's based on user's mental state. (C++)

Automated Food Dispenser   URI Microprocessors course, 2014
- Developed code to sense from load cell and actuate servo motor for automated food dispenser. (C++)
- Components: Arduino, Wifi shield, web page, servo motor, load cell.

TECHNICAL SKILLS

Computer Languages: C/C++, Java, Swift, HTML, CSS, XML, JSON, JavaScript/Node.js
Hardware: MSP430, Raspberry Pi, Arduino, Embedded systems, 3D Printers, FPGA, Basic PCB knowledge
IDE's: Code Composer Studio, MATLAB + Simulink, Cadence, Multisim, Microsoft Office
Miscellaneous: Linux, State-space control, Basic networking knowledge

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

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