

Damon Georgiou

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EDUCATION

2014 - 2017	University of Rhode Island , Kingston, RI Bachelor of Science in Electrical Engineering	GPA: 3.71 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 <ul style="list-style-type: none">Consultant for a project with ON Semiconductor, providing leadership to a team of students.
4/18 - Present	Entrepreneur <ul style="list-style-type: none">Embedded, Native Android, Native iOS, Web software development.
6/17 - 4/18	Embedded Systems Engineer Intern, Electro Standards Laboratories <ul style="list-style-type: none">Part selection, schematic design, firmware dev. (C/C++, Assembly)Interrupts, ADCs, DMA, Timers.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 <ul style="list-style-type: none">Electrical/Computer Engineering Capstone; Linear Circuits Lab

PROJECTS

SlimeE (in App Store and Play Store) <ul style="list-style-type: none">Design database, UI/UX, and develop all corresponding code of Ecommerce mobile app. (Java, XML, Swift)	Personal Project, 2016 - Present
Minesweeper Basic (in Play Store) <ul style="list-style-type: none">Computer Science fundamentals including OOP and Flood fill recursive algorithm. (Java, XML)	Personal Project, 2019
East Passage Photography Website (east-passage.com) <ul style="list-style-type: none">Reduced online presence expenses by 30% by redesigning and switching hosting platform of business website. (HTML, CSS, JavaScript)	Business Project, 2018 - Present
Security Camera with Computer Vision <ul style="list-style-type: none">Raspberry Pi, OpenCV; Send email with captured image when classifier is triggered. (Python)	Personal Project, 2018
Blackjack iOS App <ul style="list-style-type: none">Complex decision tree. Usage of basic statistics. (Swift)	Personal Project, 2018
Low-Cost Human Machine Interface <ul style="list-style-type: none">Led six-member multidisciplinary team.Individual responsibilities: Bluetooth, Wifi, Ethernet, USB/I2C/SPI/GPIO interfaces.	Sponsored by Siemens, Norwood, MA, 2016
Low-Cost Brain Computer Interface <ul style="list-style-type: none">Developed code to take EEG data as input and actuate LED's based on user's mental state. (C++)	Personal Project, 2016
Automated Food Dispenser <ul style="list-style-type: none">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.	URI Microprocessors course, 2014

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, Control theory/State-space control, Networking

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
Tutorialspoint: C Programming; Embedded Systems; Computer Networks; Software Engineering

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)