

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

4/18 - Present	Software Developer , Entrepreneur <ul style="list-style-type: none">Native Android, Native iOS, and Web software development, producing over 5 mobile applications and 2 web applications, combining for over 100 views and downloads.
3/19 - 5/19	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.
6/17 - 4/18	Electrical Engineer Intern , Electro Standards Laboratories <ul style="list-style-type: none">Tasks completed include part selection, schematic design, and firmware development. (C)Optimized power consumption by utilizing interrupts and the micro's low-power API.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

Alert System <ul style="list-style-type: none">Client-server networking architecture with TCP/IP communication using Sockets. (C)Raspberry Pi running Embedded Linux for both client and server.3D printed casing for components.	Personal Project, 2019
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
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++

Hardware: MSP430, Raspberry Pi, Arduino, Embedded systems, 3D Printers, FPGA

IDE's: Code Composer Studio, MATLAB + Simulink, Cadence, Multisim, Microsoft Office

Miscellaneous: Linux, Control theory/State-space control, TCP/IP

ONLINE COURSES

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

Udemy: Complete Ethical Hacking Course; Complete Cyber Security Course

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

AWARDS, HONORS, AND EXTRACURRICULARS

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| <ul style="list-style-type: none">Tau Beta Pi, National Engineering SocietyCITI Group 2 and CITI RCR CertifiedSelf-taught guitar and piano | <ul style="list-style-type: none">Scholar-Athlete Award, CCRIAthletic scholarship, CCRISoccer: CCRI; RI Rams (C); Bayside FC (C) |
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