Damon Georgiou

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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

4/18 - Present   **Software Developer,** Entrepreneur
- Native Android, Native iOS, and Web software development, producing over 5 mobile applications and 2 web applications.

3/19 - 5/19   **Software Consultant,** University of Rhode Island
- Consultant for a project with ON Semiconductor, providing leadership to a team of students.

6/17 - 4/18   **Electrical Engineer Intern,** Electro Standards Laboratories
- 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
- Electrical/Computer Engineering Capstone; Linear Circuits Lab

PROJECTS

Elderly Alert System   Personal Project, 2019
- Client-server networking model with TCP/IP communication using Sockets. (C)
- Raspberry Pi running Embedded Linux for both client and server.
- 3D printed casing for components.

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

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++
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; 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)