Damon Georgiou

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github.com/dngeorgiou   stackoverflow.com/users/6642016/damon

TECHNICAL SKILLS

Computer Languages: Java, Swift, C/C++, HTML, CSS, jQuery, JSON, XML, JavaScript/Node.js,
Software: OOP, MVC, Unit Tests, Firebase, RESTful consumption, Version Control/Git, Agile, Threading, Singleton, Fragments, Glide, Picasso, Storyboard, Interface Builder, CocoaPods, CreateML, NoSQL/SQL Databases, Payment Gateways, State machines
Hardware: Arduino, MSP430, Raspberry Pi, Embedded systems, FPGA, Analog sensing, Digital actuation, Basic PCB knowledge
IDE's: Android Studio, Xcode, Affinity Designer, Matlab + Simulink, Code Composer Studio, Cadence, Multisim, Microsoft Office
Miscellaneous: 3D Printers, Linux, Basic networking knowledge, State-space control, TensorFlow, EEG/fNIRS data collection/processing, Briefly studied Neural Engineering/AI in graduate school (dropped out to pursue business)

PROJECTS

Ecommerce App (SlimeE in App Store, Slime in Play Store)	Personal Project, 2019
Strawberry or Nah iOS App	Personal Project, 2019
Blackjack iOS App	Personal Project, 2018

- Complex decision tree

Security Camera with Computer Vision   Personal Project, 2018
- Raspberry Pi, OpenCV, Python

East Passage Photography Website (east-passage.com)   Business Project, 2018
Low-Cost Sustainable Prosthesis   Sponsored by URI and ESL, 2017
- EEG and fNIRS paradigm exploring somatosensory response to vibration stimuli
- Part selection, schematic design, firmware dev; Schematic/PCB debugging

Low-Cost Human Machine Interface   Sponsored by Siemens, 2016
- Wifi, Bluetooth, 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

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

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

2018 - Present	**Entrepreneur**
2017 - 2018	**CoOp URI & 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

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