

Jason Chiarulli

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EDUCATION

Rutgers University, School of Engineering, New Brunswick, NJ
B.S. in Electrical Engineering

GPA: 3.52
Dec. 2019

Camden County College, Blackwood, NJ
A.S. in Engineering Science
A.S. in Mathematics
A.S. in Liberal Arts & Science

GPA: 3.87
May 2017
May 2017
Aug. 2017

PROJECTS

Instagram Clone

- Used React Native as the framework for the app
- Used Redux & Redux Firebase bindings to handle centralized state
- Used Firebase to incorporate backend services

Project Management Tool

- Used React as the framework for the app
- Users are able to add, delete, & update their own projects & view other users' projects
- Users also receive notifications through the use of Firebase Cloud Functions

Object Detection Drone

- Built & calibrated a drone from scratch using the Navio2, Python, & APMPPlanner2
- Capable of streaming video using ImageZMQ
- Able to detect people using OpenCV's deep learning models

CERTIFICATES

Machine Learning by Stanford University on Coursera

- Supervised learning: parametric/non-parametric algorithms, support vector machines, & neural networks
- Unsupervised learning: clustering, dimensionality reduction, recommender systems, & deep learning
- Bias/variance theory

TECHNICAL SKILLS

Javascript, React, React Native, Redux, HTML, CSS, Java, Python, Numpy, OpenCV, Anaconda, Git, Linux

AWARDS

AMATYC-SML Top Scorer

- Placed within the top three scorers at Camden County College on the American Association of Two-Year Colleges-Student Math League test

ACTIVITIES

Mu Alpha Theta: President (2017)

- National two-year college mathematics honor society

May 2016 – Present

Phi Theta Kappa: Active Member

- International honor society for two-year colleges

Sep. 2015 – Present

WORK EXPERIENCE

Houseman (Temporary Position)

Lucien's Manor, Berlin, NJ

Aug. 2018 – Sep. 2018

Front Desk Attendant

Camden County College, Blackwood, NJ

Aug. 2016 – May 2017

Bookseller/Cashier (Temporary Position)

Barnes & Noble College, Blackwood, NJ

Aug. 2016 – Sep. 2016