

ANTHONY SICILIA

CONTACT INFORMATION

email anthonysicilia.contact@gmail.com

EDUCATION

Fall 2015 University of Miami
GPA: 4.0 MAJOR: Software Engineering

2016 - present University of Pittsburgh
GPA: 3.96 MAJOR: Mathematics
GRADUATION: May 2019

EXPERIENCE

2016 - present ADMT Laboratories, University of Pittsburgh

Research Experience Under the advisement of Dr. Alex Labrinidis, I have lead development of a disease-simulation mobile-application. The iOS application is a game that uses Bluetooth and GPS to allow players to interact with each other and their surroundings based on proximity. Throughout development, I have been able to work with iBeacons as well as every facet of the production process, designing and implementing both client and server side. Most recently, my role in the lab has expanded as I have begun to develop proximity libraries for use in additional applications.

Spring 2016 Seminar: Laboratory of Axiomatics, University of Pittsburgh

Under the instruction of Dr. George Sparling and Dr. Patrick Cooper, I spent a semester attending seminars and reading papers that presented an introduction to concepts of mathematical physics with a focus on preparation for the mathematical concepts that underlie general relativity.

RELEVANT COURSEWORK

Mathematics THEORETICAL SINGLE VARIABLE CALCULUS (MATH 0420 AND PREQ.), ABSTRACT ALGEBRA (MATH 0430), LINEAR ALGEBRA (MATH 1180), DIFFERENTIAL EQUATIONS (MATH 1275), MATHEMATICAL PROBABILITY (STAT 1151), MULTI VARIABLE CALCULUS (MATH 240 AND PREQ.), COMPUTATIONAL NEUROSCIENCE (MATH 1370), DISCRETE MATHEMATICS (CS 441).

Computer Science OBJECT-ORIENTED DESIGN (CS 0401), DATA STRUCTURES (CS 0445), ALGORITHMS (CS 1501).

HONORS

Honors Societies NATIONAL SOCIETY OF COLLEGIATE SCHOLARS, NATIONAL SOCIETY OF LEADERSHIP AND SUCCESS.

Scholarships BLUMBERG SCHOLARSHIP FOR MATHEMATICS, UNIVERSITY OF MIAMI PRESIDENT'S SCHOLARSHIP.

Dean's List FALL 2015, SPRING 2016, FALL 2016, SPRING 2017.

TECHNICAL SKILLS

Languages SWIFT, JAVA, PYTHON, MATLAB, L^AT_EX.

Apple Dev. XCODE, INTERFACE BUILDER, CORE DATA, CORE LOCATION, MAP KIT.

Additional FLASK-SQLALCHEMY, SEABORN, FOLIUM, GITHUB.

August 20, 2017