

Clifford Panos

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY | Bachelor of Science in Computer Science Graduating May 2020

- 4.0 Cumulative GPA — Concentration: Intelligence & Human-Computer Interaction (96 Credits)
- 2017 College of Computing Most Outstanding Freshman
- Dean's List, Faculty Honors, & Georgia Tech Honors Program

UNIVERSITAT POLITÈCNICA DE CATALUNYA | Computer Science Study Abroad: Barcelona, Spain Summer 2017

- Enrolled in Georgia Tech courses at UPC and gained significant cultural experiences abroad

WORK EXPERIENCE

APPLE INC: Software Engineering Intern, iOS System Experience January – August 2018

- Developed foundational components for iOS, watchOS, & tvOS while working cross-functionally with other teams
- Focused on internal framework and tool development, as well as performance improvements & UI polish for iOS 12
- Prototyped & presented explorative work for the iOS home screen. Applied object-oriented design patterns in Objective-C

NEURAL DATA SYSTEMS: Research for Quantifying Neural Anatomy Fall 2017

- Developed algorithms to analyze neural imaging data. Managed AWS server instances

CS 1332 TEACHING ASSISTANT: Data Structures & Algorithms (Java) Fall 2017

- Held a weekly recitation section and office hours, wrote JUnit tests and homeworks, and graded exams
- Managed 60 students and demonstrated proficiency in course material. Selected from over 100 applicants

RECONSO SATELLITE MISSION: Research for AFRL (Avionics Team) Spring 2017

- Collaborated with a team of 8 to engineer the Core Flight Executive (CFE) system using C
- Reduced runtime complexity of the software message bus system for the primary state machine app

PROJECT EXPERIENCE

"True Pass" iOS & watchOS Applications (Swift) Spring 2017 – Present

- Provided utility for Anthem Inc. that allows the company to more efficiently check-in employees to their Atlanta office
- Created apps that ease the location management process using *Firebase*, geofences, and QR codes

"PinPoint" Desktop Application (JavaFX & SQL) Summer 2017

- Collaborated with a team to develop an application that allows tourists to browse cities, attractions, and reviews
- Implemented a SQL database and designed the queries to manage the data

Airbnb Data Visualization (HTML & JavaScript & d3.js) Summer 2017

- Produced three visualizations of Airbnb listing data in Barcelona to optimize travel plans
- Designed the visualizations, their SVG layouts, and their interactive manipulations | airbnb.cliffpanos.com

Spanish Verb-Conjugator (Python) Spring 2016

- Developed a tool to conjugate Spanish verbs in all subjects and ten tenses, including irregular verbs
- Distributed the program to classmates, allowing them to teach themselves and self-check assignments

HONORS & ACTIVITIES

- Leadership:** iOS Development Club Executive Tech Lead, Student Alumni Association, Georgia Tech One-To-One Leadership Program, Delta Chi Fraternity – 2017 Brotherhood Chair & 2016 Pledge Class President
- Volunteer:** TheGirlCodeProject (sponsored by Google igniteCS), Sophomore Executive Member of the GT Servant Leadership Organization, "Epic Intentions" CS Service Organization
- Awards:** BSA Eagle Scout (2013), ODK Outstanding Freshmen Leadership Award, Hack GSU Category Winner, High School Valedictorian, CenturyLink STEM Scholarship

SKILLS & COURSEWORK

- Languages:** Advanced: Objective-C, Java, Swift | Intermediate: C, SQL, Python | Basic: C++, HTML **Spanish:** Advanced
- Tools:** Xcode, Git, IntelliJ, JavaFX GUIs, d3, macOS, Windows, Atom
- Concepts:** iOS Human Interface & Development guidelines, Apple frameworks, databases, interface design, encryption
- Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Databases, Objects & Design, Startup Lab, AI
- Interests:** Mobile development, artificial intelligence, internet of things, databases, organization & product management