Clifford Panos

176 5th St NW • Atlanta, GA 30313 • (407) 538-2214 • cliffpanos@gatech.edu
github.com/cliffpanos • linkedin.com/in/cliffpanos • cliffpanos.com

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY | Bachelor of Science in Computer Science   **Graduating May 2020**
- 4.0 Cumulative GPA — Concentration: Systems Architecture & Human-Computer Interaction   (91 Credits)
- Dean's List, Faculty Honors, & Georgia Tech Honors Program
- 2017 College of Computing Most Outstanding Freshman

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 on system architecture
- Focused on internal framework, testing, 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 – Fall 2017**
- Provided utility for Anthem Inc. that allows the company to more efficiently check-in employees to its 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, Georgia Tech One-To-One Leadership Program, Delta Chi Fraternity – 2017 Brotherhood Chair & 2016 Pledge Class President, Student Alumni Association

Volunteer: Omicron Delta Kappa (ODK) Leadership Organization, TheGirlCodeProject (sponsored by Google igniteCS), Executive Advisor of the GT Servant Leadership Organization, "Epic Intentions" CS Service Organization

Awards: BSA Eagle Scout (2013), ODK Outstanding Freshmen Leadership Award (2017), Hack GSU Category Winner (2017), 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, Computer Org.
Interests: Mobile development, operating systems, artificial intelligence, internet of things, product management