Cal Stephens

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EDUCATION

Georgia Institute of Technology Atlanta, Georgia **Aug 2015 - May 2019**
Pursuing B.S. in Computer Science
- Cumulative 4.0 GPA
- Threads / Concentration: People & Intelligence

WORK EXPERIENCE

Apple Cupertino, California **Summer 2018**
Developer Tools Engineering Intern
- Developed new features for Apple's suite of Developer Tools (Xcode, Instruments, etc).
- Prototyped a new data visualization feature for third-party developers as part of the Custom Instruments API.
  - Developed a specialized data store to support dynamic, high-volume graph theory operations.
  - Repurposed existing visualization framework to support temporal data. Resolved several performance issues.
  - Worked with other departments to add supplementary features to macOS / iOS system frameworks.

Airbnb San Francisco, California **Summer 2017**
iOS Engineering Intern
- Developed new features for the Airbnb iOS app including a new flow for users traveling to Cuba, new settings to improve initial conversations between hosts/guests, and an FAQ experiment to increase guest booking conversion.
- Collaborated with cross-functional team to improve existing designs and work around issues as they arose.

MailChimp Atlanta, Georgia **Summer 2016 & Spring 2018**
iOS Engineering Intern
- Built new flow to let users create, edit, and publish Facebook ads through the MailChimp mobile app.
- Created prototype iOS app to help new users grow lists of email subscribers via social media channels.
- Developed strategy to test MailChimp's Objective-C API against web API without making network requests at runtime.

Augusta University Augusta, Georgia **July 2014 - June 2017**
iOS and Web Developer
- Designed and developed several apps, games, and websites to promote early childhood literacy.
- Created *Rhyme a Zoo* and *Brainy Phonics* games for iOS. Redesigned *Hear a Tale* audiobooks website.

EXTRACURRICULAR ACTIVITIES

Personal Projects
- *Window:* Created iOS tracking app for the Intermittent Fasting diet which has generated over $35,000 in revenue.
- *T-Squared:* Developed iOS app to replace outdated mobile site for Georgia Tech's learning management system.
- Active on GitHub *@calda* with dozens of other projects over the past six years.

Leadership
- Georgia Tech's iOS Club — President *(2017 - 2018),* Senior Tech Lead *(2015 - 2017)*
  - Working with a team of officers to develop a beginner-level curriculum, give weekly lessons, and plan club events.
- Georgia Tech Greek Week Executive Committee — Technology Chair (*2017, 2018)*
  - Led committee that designed and build several new web tools. Planned first annual Greek Week Hackathon.

AWARDS & ACHIEVEMENTS

Hackathons
- Hack the North 2017 Finalist — built *AR Planes*, an augmented reality app that shows you planes in the sky nearby.
- Won 2nd Place at HackCU 2017 — built *Siri Query,* a cross-platform web client for Siri.
- DerbyHacks 2017 "Most Technical Hack" Prize — built *Telephone Pictionary,* a party game for iOS and Android.
- HackGT 2016 Finalist — built *WatchKit for iOS,* a framework for running unmodified WatchKit source code on iOS.

Other Competitions
- Apple WWDC Student Scholarship Recipient (2015)
- Future Pioneer Award — "Dream it, Code it, Win it" competition by the MIT Club of New York (2015)
- Outstanding Oral Presentation (Physics & Engineering) — Georgia Academy of Sciences (2015)

SKILLS

- Strong experience in Swift, Objective-C, and Java with exposure to Javascript, Python, C, PHP.
- Comfortable giving oral presentations and technical demos in front of large audiences.
- Some background in User Interface design and User Experience design.