

# Cal Stephens

cal@calstephens.tech — https://calstephens.tech

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## EDUCATION

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**Georgia Institute of Technology** Atlanta, Georgia

Aug 2015 - May 2019

*Pursuing B.S. in Computer Science*

- Cumulative 4.0 GPA
  - Threads / Concentration: People & Intelligence
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## WORK EXPERIENCE

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**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.
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**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.
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**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.
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**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.
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## EXTRACURRICULAR ACTIVITIES

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### 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.
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### 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 built several new web tools. Planned first annual Greek Week Hackathon.
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## AWARDS & ACHIEVEMENTS

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### 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.
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### 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)
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## SKILLS

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- 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.