

Michael Koohang

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Experience

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|--|---|------------------------------|
| Graduate Research Assistant | <u>Georgia Institute of Technology</u> | Jan. 2019 – Present |
| <ul style="list-style-type: none">Developed a Flask web app to parse and unify affordable housing data for the city of AtlantaDesigned and developed an Android app to gather network measurement data on hiking trailsDesigned and developed a React/Express web app to map and visualize the network measurement data | | |
| Software Engineering Intern | <u>Nike</u> | Jun. 2020 – Aug. 2020 |
| <ul style="list-style-type: none">Enabled a new digital consumer touchpoint by creating a backend service that lets Nike deliver emails to athletes after they complete a run within the Nike Run Club appEnhanced Nike's research model through real-time delivery of feedback surveys to over 2K+ study participantsPlaced 2nd out of 29 teams in the internal hackathon with a project focused on sustainability | | |
| Graduate Teaching Assistant | <u>Georgia Institute of Technology</u> | Jan. 2020 – May 2020 |
| <ul style="list-style-type: none">TA'd for CS 6310 Software Architecture and Design in Georgia Tech's Online MSCS programAnalyzed UML diagrams and conducted code reviews for an online course of over 500 studentsGraded over 30 assignments biweekly by analyzing software design diagrams and Java code | | |
| Civic Data Science Intern | <u>Georgia Institute of Technology</u> | May 2018 – Jul. 2018 |
| <ul style="list-style-type: none">Built an SMS chatbot using Twilio and Flask to support data collection of rat sightings in AtlantaGarnered over 100 reports and presented the project to Atlanta city officialsDeveloped metadata extraction tool to batch geocode images with the Google Maps API | | |

Education

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|---|---|------------------------------|
| M.S. in Computer Science | <u>Georgia Institute of Technology</u> | Aug. 2019 – Dec. 2021 |
| <ul style="list-style-type: none">Concentration in Human-Computer Interaction (GPA: 4.0)Relevant Coursework: Principles of UI Software, Ubiquitous Computing, Human-Computer Interaction, Mobile Apps and Services, Empirical Methods in HCI, Information Visualization | | |
| B.S. in Information Technology | <u>Middle Georgia State University</u> | Jun. 2016 – May 2019 |
| <ul style="list-style-type: none">Concentration in Software Engineering (GPA: 4.0 — graduated at 18 years old)Relevant Coursework: Data Structures and Algorithms, Database Principles, Software Engineering, Software Security, Operating Systems, Computer Architecture, Software Testing & QA | | |

Leadership & Projects

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|---|-----------------------------|
| <u>Georgia Tech iOS Club</u> - Senior Design Lead | Sep. 2020 - Present |
| <ul style="list-style-type: none">Created YouTube tutorials on iOS development and provided technical/design guidance to members | |
| Stanford University - Section Leader | Apr. 2020 - May 2020 |
| <ul style="list-style-type: none">Taught in Stanford University's <u>Code in Place</u> program for learning programming during COVID-19 | |
| Apple WWDC19 | 2019 |
| <ul style="list-style-type: none">Awarded a scholarship out of 350 people in the world to attend Apple's <u>WWDC19</u> conference | |
| Dia/Log | 2018 |
| <ul style="list-style-type: none">Diabetes tracking app built around privacy and security; 270+ downloads on the <u>App Store</u>. | |

Skills

Languages: Python, Swift, HTML, CSS, JavaScript, Java, SQL

Frameworks: Flask, React, Node, Express, Jest, UIKit, Core Data, MySQL, MongoDB, git, zsh, Linux, A/B testing

Software/Services: Xcode, VS Code, REST, Postman, Docker, AWS, Jira, Sketch, Miro, Photoshop