

CARLO JACOB

✉ carlo.jacob@gmail.com 🌐 carlojacob.com 📍 Greater Boston Area **in** carlojacob 🔄 carlojacob

Experienced automation engineer with iOS development skills seeking to transition into a full-time iOS development role. Over a decade of engineering experience, and five years in the mobile space working on complicated legacy apps using Swift and Objective-C. Proven track-record of being self-driven to learn skills quickly and effectively. Advocates for improved user experiences and rises to leadership roles in Agile and Scrum multi-disciplinary teams.

+ EXPERIENCE

Projects

iOS Developer

Jan. 2024 to Present

Oh Poo

- Actively-deployed iOS timer app, inspired by a recent gag gift, and built using SwiftUI.
- Implements local notifications via UNNotificationRequest and perpetuates anonymous user settings locally via FileManager.
- Apple App Store download (iOS 17+): apps.apple.com/us/app/oh-poo/id6478238700
- Code and documentation: github.com/carlojacob/ohPoo

Web Developer

2018 to Present

Tuber (carlojacob.com/tuber)

- Application that allows a user to manage and play their favorite YouTube videos, with user-managed data fields.
- Front-end built using React, including responsive design with Bootstrap. Code and docs: github.com/carlojacob/tuber
- Back-end relationships built using Express.js. Code and docs: github.com/carlojacob/tuber-api
- Connected UI and server with logic and API interactions using jQuery, Javascript and axios.

ASICS Apps & ASICS Digital Inc. – Runkeeper

Boston, Mass.

Lead Mobile Automation Engineer

Oct. 2023 to Dec. 2023

- Implemented, updated and repaired bugs in iOS and WatchOS app features.
- Created scripts for installing and maintaining automated mobile application testing environment.
- Maintained CI/CD pipelines for automation and product development teams.
- Coordinated with mobile developers to improve the ability to automate tests.

Lead Mobile Quality Assurance Engineer

Mar. 2021 to Oct. 2023

- Developed and introduced automated test plans and frameworks.
- Trained and mentored junior teammates.
- Represented the QA team at product team meetings and managed technology needs.

Mobile Quality Assurance Engineer

Nov. 2019 to Mar. 2021

- Structured and wrote automated tests for new and existing features.
- Advocated for product improvements with a focus on end-users' experience.
- Championed diversity, equity and inclusion improvements in the workspace.
- Led QA for regression testing cycles prior to new version releases.

Mobile Quality Assurance Intern

July 2019 to Nov. 2019

- Manually tested new features and bug fixes, and updated automated tests.
- Used Agile and Scrum methodologies to complete tasks in biweekly sprints.

General Assembly

Boston, Mass.

Web Development Fellow

2018 to 2019

- Completed immersive full-stack web development bootcamp that covered computer science principles, libraries and frameworks, and API development and integration.
- Built four CRUD apps with various tools, including React and Bootstrap (front end) and Ruby on Rails and Express (back end).

+ SKILLS

LANGUAGES & VERSION CONTROL: Swift, Git, GitHub, CI/CD Tools, Python, HTML5, CSS3, JavaScript, AJAX, axios, Ruby, Curl, Heroku, Render

LIBRARIES & FRAMEWORKS: SwiftUI, XCTest, React.js, jQuery, Express.js, Appium, Rails, Node.js, MongoDB, Bootstrap, Handlebars, SASS

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+ ADDITIONAL EXPERIENCE

TranSystems Corporation	Boston, Mass.
Structural Bridge Design Engineer	2011 to 2018
<ul style="list-style-type: none">• Designed and analyzed irregularly-shaped bridges with custom functions in Excel/bridge design software.• Produced construction plans, specifications, cost estimates and calculations in a design team, for projects with values ranging from \$30K to \$40M.• Coordinated with third-party contractors, material fabricators and owners to ensure accuracy during construction phases.	

+ EDUCATION

Tufts University	2010
M.S. Civil Engineering	
Thesis: Creating an Eccentrically Braced Frame Model for Application in Seismic Performance Assessments	
Tufts University	2007
B.S. Civil Engineering	

+ ACTIVITIES

Boston Triathlon Team	
Athletic Director	2016 to 2019
<ul style="list-style-type: none">• Elected board member of 501(c)(3) charitable organization, responsible for operations and strategic direction.• Managed competitive events, group training activities, and strength/technique clinics.• Created and maintained online race result collection platform and web display.	
Member	2013 to Present

+ LANGUAGES

NATIVE

English

INTERMEDIATE

Italian, Spanish, French

+ INTERESTS

Triathlon, Soccer, Skiing, the Outdoors, Travel, Cultures, Trivia