

CARLO JACOB

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+ EXPERIENCE

ASICS Apps & ASICS Digital Inc. – Runkeeper Boston, Mass.
Lead Automation Engineer Oct. 2023 to Dec. 2023

- 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 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.

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.

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.
- Studied in four modules, each with a project building upon prior skills.
- Incorporated React, Bootstrap and the YouTube API as stretch goals in projects.

TranSystems Corporation Boston, Mass.
Structural Bridge Design Engineer 2011 to 2018

- 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.
- Project values ranged from \$30,000 to \$40,000,000.
- Provided construction phase services to contractors and material fabricators.

+ ACTIVITIES

Boston Triathlon Team
Athletic Director 2016 to 2019

- Elected board member, responsible for operations and strategic direction.
- Coordinated and led regular group bike rides and runs.
- Managed annual Indoor Time Trial, swim meet, strength and technique clinics.
- Created and maintained race result collection platform and web display.

Member 2013 to Present

+ IOS DEVELOPER STUDIES

Oh Poo Jan. 2024 to Present

- In progress timer app to display some new skills, inspired by a recent gift.
- App Store: tinyurl.com/ohpooapp
- Code: github.com/carlojacob/ohPoo

Self-driven learning Jan. 2024

iOS App Developer Tutorials:

- Completed course: SwiftUI

Coding with Chris:

- Completed courses: How to Make an App in 8 Days (2023), The Menu App, 14 Day Beginner Challenge (SwiftUI).

+ SKILLS

LANGUAGES & VERSION CONTROL

Swift
Python
CI/CD Tools
HTML5
CSS3
JavaScript
Git
GitHub
Ruby
AJAX
Curl
Heroku

LIBRARIES & FRAMEWORKS

XCTest
Appium
SwiftUI
React.js
jQuery
Express.js
Rails
Node.js
MongoDB
Bootstrap
Handlebars
SASS

+ EDUCATION

Tufts University

M.S. Civil Engineering 2010

B.S. Civil Engineering 2007

Master's Thesis: Creating an Eccentrically Braced Frame Model for Application in Seismic Performance Assessments

+ INTERESTS

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