

CHARLES BACHMEIER

*Full-Stack Software
Development Engineer*

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☎ 516-732-3666
📍 San Diego, CA
🌐 LinkedIn
🐙 Github

EDUCATION

Bachelor's of Science in
Computer Science and
Engineering

**Massachusetts Institute of
Technology**

📅 Sep 2014 - Jun 2018

SKILLS

JavaScript
Python
Node.js
AWS
Kotlin
React
Java
Swift
HTML 4
CSS
Bootstrap
Scala
Public Speaking
REST APIs
Accessibility
Angular
GNU Bash
Cassandra

WORK EXPERIENCE

Software Development Engineer

Amazon

📅 Apr 2020 - current

📍 San Diego, CA

- Lead full-stack engineer on a mobile first customer facing application, built from the ground up.
- Engaged throughout the development cycle of various projects, collaborating with design, product, and engineering teams to scope out roadmap and trajectory with a strong emphasis on customer focused and iterative design.
- Built and maintained data engineering infrastructure to allow for the daily batch calculations of features using customer order data to predict future order behavior.
- Worked with security teams in the handling of highly confidential customer data.

Associate Software Engineer

Capital One

📅 Jun 2017 - Apr 2020

📍 New York, NY

- Worked as a contributing member of several Agile/SCRUM teams delivering products to both average consumers, engineers, and data scientists on a consistent schedule.
- Collaborated with designers and product managers to develop UI/UX elements and features across the company's iOS app in Swift, including the implementation of the entire accessible experience for users with visual impairments.
- Built and maintained data engineering platform and REST APIs, collaborating with data scientists to leverage billions of consumer data points.
- A leader in the recruitment and interviewing of candidates from my alma mater, with special emphasis on members of Under-Represented Minority Groups.

Software Development Intern

Intersystems

📅 May 2016 - Aug 2016

📍 Boston, MA

- Designed and built a lightweight Web Based IDE for Intersystem's proprietary programming language using their preexisting REST APIs, coded in JavaScript with the Node.js and Angular frameworks.
- Over 10 weeks, worked on this project solo throughout its entire development cycle and presented my work at the end of the summer in front of all the company's developers.

Algorithms Researcher

Theoretical and Experimental Algorithms Lab

📅 May 2015 - Aug 2015

📍 Stony Brook, NY

- Co-author for paper titled: "Autogen: Automatic Discovery of Cache-Oblivious Parallel Recursive Algorithms for Solving Dynamic Programs".