

# Blake Montgomery

software engineer + full-stack web development

Chicago, Illinois | (312) 933-4858 | blakemontgomery312@gmail.com

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## proficiencies

**languages:** JavaScript, Python

**frontend:** ReactJS, vanilla JavaScript, jQuery

**backend:** Flask (Python), SQLAlchemy, SQLite, PostgreSQL

**backend:** Express (NodeJS), Mongoose, MongoDB

**core:** Git, HTML5, CSS3, Bootstrap

## portfolio

**<https://blakemontgomery.com>** | Projects feature applications built with both Python/Flask and Node/Express; the consumption and creation of RESTful APIs; full-CRUD functionality with both SQL and NoSQL databases; multiple models with one-to-one, one-to-many, many-to-many, and self-referential relationships; users, authentication, and authorization; dynamic views rendered with both server-side templates and discrete frontends built with React; clean, responsive design achieved with hand-coded CSS as well as Bootstrap.

## relevant experience

**Instructional Associate, General Assembly, Nov 2021 – February 2022** | Administrative and instructional support to Lead Instructor for 12-week intensive software engineering bootcamp rooted in JavaScript and the MERN stack. Python, Flask, and relational databases round out the training.

**Mintbean Star, Mintbean Hackathon, August 2021** | Ranked in the top 5% of projects for Mintbean's weeklong "Hiring Hackathon for Jr. Web Devs" with an app inspired by the parlor game Six Degrees of Kevin Bacon, built with a React UI and a Flask backend which integrated data from two third-party APIs with a PostgreSQL database designed to replace API calls over time.

**Software Engineering Immersive, General Assembly, May – August 2021** | Intensive, twelve-week program building modern web applications using the MERN stack, Ruby on Rails, and Python with additional focus on CS fundamentals, software development methodologies, principles of object-oriented programming, architectural patterns, and strategies for group collaboration.

**Section Leader, Code in Place, April – May 2021** | Member of teaching team for online course offered by Stanford University during COVID-19 pandemic which brought together 12,000 students from around the world. As section leader, I prepared/taught weekly discussion section of 8-10 students to supplement professors' lectures.

**Code in Place, offered online by Stanford University, April – May 2020** | Introduction to computer science fundamentals, engineering principles, and the Python language. Based on material from the first half of Stanford's programming course, CS106A.

## education

**Middlebury College, Middlebury, Vermont** | B.A. in Theatre, minor in Physics, *summa cum laude*.

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## additional experience

**Founder and Artistic Director, The Building Stage, 2005 – 2013** | From maintenance and marketing to board relations and the box office, responsible for all operations of 4,000 square foot flexible black-box theater and performance company in Chicago's industrial West Loop.

*As an arts leader and director, I developed the skill to clearly communicate a vision, nurture passionate commitment from a team of creators, and build trust in an iterative process of simple steps to deliver complex and compelling results.*

**Restaurant Server/Server Assistant, Monnie Burke's and Eden in Chicago, 2018 – 2020** | As a newcomer to the industry, started at the bottom of the front-of-house team, worked to earn trust of managers and teammates, and eventually moved into role as a server.

*Working in the restaurant industry re-enforced my teamwork skills. Success depends on independent units taking responsibility for their own domains as well as seamlessly interacting with other, busy team-members.*

**Freelance actor and member of Actors Equity Association** | Chicago: Writers Theatre, Northlight Theatre, Chicago Shakespeare, Remy Bumppo, Steppenwolf, The Hypocrites, The House, Court Theatre, and Redmoon.

**Theater educator** | Classes and workshops on topics of physical theater independently and, in the fall of 2017, as adjunct professor at The Theatre School at DePaul University.