

# MATTHEW BANKS

Full Stack Web Developer

## EXPERIENCE

### Web Developer

Jan. 2019 - Present

Portfolio Website: [mattbanksdev.com](http://mattbanksdev.com) | East Hampton, CT

- Build practical web applications that focus on real world needs and current culture
- Update/improve my portfolio website with new projects and conduct freelance work as M.Banks Development LLC
- Git version control and web application deployment

### Teaching Assistant

Aug. 2015 - Dec. 2017

University of Connecticut | Department of Molecular and Cell Biology | Storrs, CT

- Taught three lab classes per week to undergraduate students; 20-25 students per class
- Helped students complete biology experiments after a brief lecture and proctored exams
- Taught Biology 1107 and Genetics 2410; graded student work and held regular help hours

## PROJECTS

### Face Conference

Sole Developer

[Live Website](#) | [GitHub](#)

- This is a video chat website. It is deployed on Heroku so it has a short loading time.
- Technologies: JavaScript, PeerJS, EJS, WebRTC, Express, Node, Socket.io, MongoDB

### Quick Chat

Sole Developer

[Live Website](#) | [GitHub](#)

- This is a real-time chat web application with private message notifications.
- Technologies: React, JavaScript, Gatsby, Material UI, Express, Node, Socket.io, Web Push

### Eagle Elementary School

Sole Developer

[Live Website](#) | [GitHub](#)

- This is a modern elementary school website which targets progressive schools becoming more socially distanced.
- Technologies: React, JavaScript, MongoDB, Contentful (CMS), Material UI, Express, Socket.io, Gatsby, GraphQL

### Matt's Retro Games

Sole Developer

[Live Website](#) | [GitHub](#)

- This is an e-commerce website. It is an online video game store with PayPal for checkout.
- Technologies: React, JavaScript, Bootstrap, Styled components, PayPal, React Router

## EDUCATION

University of Connecticut | Master of Science in Molecular and Cell Biology

Dec. 2017

- Research: Developmental Biology; Cell lineage and transcriptional profiling of select tissues in mice
- Concentration: Genetics and Genomics

Central Connecticut State University | Bachelor of Science in Biomolecular Science

Dec. 2013

- Research: Genetics; RNA editing in honey bees
- Concentration: Biotechnology

## SKILLS

JavaScript | HTML5 | CSS3 | React | Gatsby | Node | Express | PHP (Beginner) | MongoDB | MySQL | Git | Figma

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