

Bang Cao

Website: <http://bangcaoportfolio.herokuapp.com/>

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EDUCATION

- **University of Massachusetts Amherst** Amherst, Massachusetts, USA
Bachelor of Science in Computer Science, GPA: 3.5, Sep. 2020 – May. 2024

EXPERIENCE

- **EyeQ Tech** Ho Chi Minh City, Vietnam
Software Engineering Intern May. 2022 – Aug. 2022
 - Integrate **OPERA PMS** and face recognition technology by EyeQ to EyyQ's hotel kiosk app using **.NET, C#**
 - Create a working beta of the kiosk hotel app for **Centara Resort**
 - Build a **WPF** application that use **OCR API** to extract information from identification documents and save them to CSV file.
- **SiGlaz** Ho Chi Minh City, Vietnam
Software Engineering Intern Dec. 2020 – Jun. 2021
 - Write modules and functions using **MVC** pattern and **REST API** for different web apps using **Java, C#, JavaScript, PostgreSQL**.

PROJECTS

- **PostIt Fullstack App** Jul. 2022 – Aug. 2022
React, Redux, Node.js, Express, MongoDB, JavaScript, HTML, CSS, Bootstrap, Heroku, Git
 - **Link:** <https://post-it-fullstack.herokuapp.com/>
 - **Source Code:** <https://github.com/MorElf7/post-it-fullstack>
 - A social media web app that is a close clone of Twitter, allow user to sign up and log in and post images and text.
 - Built a local authentication strategy using session store.
 - Used **Node.js** and **Express** to build backend api, employing **RESTful** services and **MVC** model, and store data on **Mongo Atlas**.
 - Used **React, Redux**, and **Bootstrap** to build the frontend of the app.
 - Built and deployed website using **Heroku**, and **Git**.
- **PostIt Express App** Apr. 2022 – May. 2022
Node.js, Express, MongoDB, JavaScript, HTML, CSS, Bootstrap, Heroku, Git
 - **Link:** <https://post-it-social-media.herokuapp.com/>
 - **Source Code:** <https://github.com/MorElf7/post-it-express>
 - An earlier version of my PostIt Fullstack App.
 - Used **Node.js** and **Express** to build a server-rendered web app, employing **RESTful** services and **MVC** model.
- **Personal Portfolio Website** Jul. 2021
Python, JavaScript, HTML, CSS, Bootstrap, Django, Heroku, Git
 - **Link:** <http://bangcaoportfolio.herokuapp.com/>
 - Used **JavaScript** and **Django** to build interactive website components.
 - Styled website using **CSS** and **Bootstrap**.
 - Built and deployed website using **Heroku**, and **Git**.

PROGRAMMING SKILLS

- **Languages:** JavaScript, Python, C/C++, Java, C#, HTML, CSS.
- **Technologies:** Express, Node.js, React, Redux, .NET, MongoDB, Git, Django, Heroku, jQuery, PostgreSQL, Bootstrap, LaTeX