

Joshua Petitma

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EDUCATION

Duke University

GPA: 3.9

Bachelor of Science in Computer Science

August 2020 - May 2024

- **Relevant Coursework** - Advanced Software Design/Implementation, Web Project Design, Computer Architecture, Data Structures and Algorithms, Discrete Math for Computer Science
- **Clubs and Activities** - Duke Applied Machine Learning Software Engineer. Started and leads an Adventist Christian Fellowship between UNC and Duke
- **Notable Achievements** - Gates Scholar, Meredith Mallory George Scholar, Youth -Foundation scholar

EXPERIENCE

Life.Church YouVersion

Edmond, Oklahoma

Frontend Web Development Intern

May 2021 - August 2021

- Worked on creating the ability to like chat messages within the Church Online Platform, a livestreaming service used by thousands of churches globally.
- Used *React*, *Typescript*, CSS animations, and Pub Nub APIs to implement real time reactions.
- Gained important leadership and personal development skills through weekly development meetings as well as numerous one on ones with staff leaders

Virginia Consulting Company

Virginia Beach, Virginia

Lead App Developer

June 2021 - December 2021

- Technical Lead and developer for a startup app. Leading a team of four to develop the app for a consulting company based in Virginia.
- Implementing client app in Flutter and using Firebase's platform for a backend.
- Created GitHub CI/CD pipeline for automatic backend deployment as well as code quality and test validation for client and backend

Petit Development, LLC

Founder

July 2021 - Present

- Founded LLC for creating open source applications as well as do web development for small businesses.
- Working with non-profits to create professional website at no cost.

Duke University CS Department

Durham, North Carolina

Advanced Software Design Teaching Assistant

August 2020 - Present

- Help design course for students and make decisions on teaching topics and order.
- Develops videos to help students learn technical parts of Java and JavaFX
- Mentor students in weekly meetings to help track progress and grow more intentionally as software engineers.

PROJECTS

- **HRDirectBot**: Developed Bot to create applicant review packets for Life.Church Hiring Staff *August, 2021*
Used TypeScript, Next.js, puppeteer, and deployed to Heroku.
- **Collegiate Covid**: Led team of four to build website in Typescript, *December, 2020*
Built backend in python to scrape statistics from college websites and upload them to firebase.
Use Javascript and React to display data from Firebase, deployed to Firebase hosting.

SKILLS

- **Languages (Order of Proficiency)** - TypeScript, Dart, Python, Java
- **Software** - Firebase, Vercel, Next.js, React, Flutter