

# Joshua Petitma

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## EDUCATION

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### 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

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### 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

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- **HRDirectBot**: Developed Bot to create applicant review packets for Life.Church Hiring Staff Used *TypeScript*, *Next.js*, *puppeteer*, and deployed to *Heroku*.
- **Collegiate Covid**: Led team of four to build website in *Typescript* 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

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