

# 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** - Started and leads an Adventist Christian Fellowship between Duke and UNC.
- **Notable Achievements** - Gates Scholar, Meredith Mallory George Scholar, Youth-Foundation scholar

## EXPERIENCE

### Life.Church YouVersion

Edmond, Oklahoma

*Software Engineering Intern*

*May 2021 - August 2021*

- Created 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 PubNub APIs to implement real time reactions.
- Gained important leadership and personal development skills through weekly development meetings.

### Widgetbook

Germany (remote)

*Winter Software Engineering Intern*

*January 2022 - April 2022*

- Incoming winter intern at Widgetbook, an opensource backed startup based in Germany.
- Will work on developing features for their flutter package which allows users to view Flutter widgets in the browser.

### Virginia Consulting Company

Virginia Beach, Virginia

*Lead App Developer*

*June 2021 - December 2021*

- Technical Lead of a four person team developing an app for a Virginia consulting company.
- Implementing client app in Flutter and using Firebase's platform as a service for a backend.
- Created GitHub CI/CD pipeline for automatic backend deployment as well as code quality and test validation.

### Petit Development, LLC

Virginia

*Founder*

*August 2021 - Present*

- Founded LLC for creating open source applications as well as websites for small businesses.
- Works with non-profits to create professional website at no cost.

### Duke University CS Department

Durham, North Carolina

*Advanced Software Design Teaching Assistant*

*August 2021 - Present*

- Helps design course for students and make decisions on teaching topics and order.
- Develops videos to help students learn technical skills in Java and JavaFX.
- Mentors students in weekly meetings to help track progress and grow intentionally as software engineers.

## PROJECTS

### RefBible

joshpetit/refbible

- Developed Bible app in Flutter that allows users to save favorite verses and search verses by topic and context.
- Persisted user preferences and favorites in local storage and created APIs to retrieve bible texts.

### Send

<https://send.petit.dev>

- Created responsive website to store and retrieve links identified by short text.
- Implemented frontend with TypeScript, Next.js, TailwindCSS, and deployed to Vercel. Used Firebase Cloud Firestore for data storage.
- Created Next.js API to allow users to retrieve information from the command line with cURL.
- Designed in Figma to practice creating enjoyable user interfaces and responsive design.

## SKILLS

- **Languages** - Dart, TypeScript, Java, Python
- **Software** - Flutter, React, Firebase, Next.js, Tailwind CSS