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 - May 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 with little setup.

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

- Craeted 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
- Designed website in Figma as a case study to practice creating enjoyable user interfaces and experiences.
- Created Next.js API to allow users to retrieve information from the command line with cURL.

SKILLS

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