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.

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.

Colors — https://colors.petit.dev

- Designed website in Figma as a case study to practice creating enjoyable user interfaces and experiences.
- Implemented website with TypeScript, SASS, Next.js, and deployed to Vercel.
- Created Next.js API to generate files of custom size, color, and filetype to experiment with API route design.

Collegiate Covid — https://collegiatecovid.com
2020 DukeHacks Hackathon

- Led team of four to build analytics website for covid metrics across U.S universities.
- Built backend in python to scrape statistics from college dashboards and post them to firebase.
- Used Javascript and React to display data from Firebase, deployed frontend to Firebase hosting.

SKILLS

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