

Nathan Jose

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LinkedIn || GitHub || Portfolio

EDUCATION

Berea College

GPA: 3.5

Berea, KY

Double Major: Bachelor of Arts, Computer Science and Music.

Graduated: August 2020

F-1 visa, currently on OPT (Unemployment period ending on Dec. 14th), will pay for relocation myself.

Relevant coursework: Software design & implementation, Data structures, Embedded systems, Open source software engineering, Computing and sustainable systems, Android mobile development, Design and analysis of algorithms.

SKILLS & INTERESTS

Technical: Python, Java, C++, HTML, CSS, JavaScript, PHP, MySQL, Laravel, Android Studio

Interests: Software Development, Web Development, Mobile Development, Audio Software Development.

ACHIEVEMENTS & ACTIVITIES

- Won Berea College hackathon by building a project ([link here](#)) that brought studio guitar tone to a live setting.
- Selected among top 15% of computer science students to be a member of the Gamma Mu chapter of Epsilon Pi Tau.
- Developed data structures and algorithm skills through HP CodeWars and Indian Computing Olympiad competitions.
- Graduated in top 5% of computer science students in All India Computer Science Examination by CISCE.

PROJECTS

MeadowHouse Database Application → Backend management of data for client cataloguing botanical diversity.

- *Built with MySQL and Python using Peewee library.*
- Client had around 500 plants spread out over multiple acres of land to be location marked and catalogued in database.

Productivity Well → Android application that deducts money if user is distracted by their phone.

- *Built in Android Studio with Java, deployed user data on Heroku.*

Runestone Academy → Open source catalog of computer science books used by over 100000 people.

- *Used HTML, CSS and JavaScript*
- Redesigned navigation elements across entire catalogue of books in order to make them more accessible and WCAG compliant.

EXPERIENCE

Information Systems and Services, Berea College

Berea, KY

Student Manager

August 2018 - May 2020

- Led a team of 12 students in engineering around 100 events on campus yearly.
- Optimized ticket management system and thereby increased efficiency by 15%.
- Organized upgrades of 5 softwares in production and trained 6 new student employees in production technology.
- Planned and implemented technology used behind the scenes for graduation viewed by 2000 people in person and 10000 people online.

CodePath

Berea, KY

Android Development Participant

January 2020 - May 2020

- Selected as 1 of 13 students in inaugural android development CodePath cohort in Berea College.
- Deployed replicas of instagram and twitter on the android platform.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Facebook Developers Circle

Berea, KY

Participant

September 2019 - August 2020

Part of the founding members of the developers circle in Berea college.