Benjamin Wakefield

Available May 2023   Boston, MA   (860) 681-2326   ben@benwakefield.dev

Skills

Languages	Python | Java | JavaScript | C++ | C# | Elixir | Typescript | Assembly
Frameworks	React | Django | Spring | Phoenix
Libraries	PyTorch | TensorFlow | Keras | Pandas | Pygame
Tools	Visual Studio Code | Vim | Git | Firebase | Heroku | AWS

Education

Sep. 2018 – Apr. 2023	**Northeastern University** – Boston, MA *Candidate for Bachelor of Science in Computer Science and Music Technology* **Coursework:** Software Engineering, Object–Oriented Design, Web Development, Algorithms, Computer Systems, Database Design, Human Computer Interaction

Projects

Portfolio	Maintained a personal web portfolio: benwakefield.dev • React • Git
DeepDeadNet *May 2023*	Designed, built, and deployed web application which can generate music in the style of the Grateful Dead. Demo: deepdead.net • Django • TensorFlow
Covey.Town *May 2023*	Implemented new features in an existing codebase in a team of four, following agile development practices. Demo: covey.town • React • Jest
Pip's Quest *May 2022*	Designed and programmed a video game with procedurally generated content and adaptive AI. Demo: benwakefield.dev/pips-quest • Python • Pygame
Harmony *May 2021*	Co-developed a web application that allows roommates to coordinate responsibilities. Demo: harmony.benwakefield.dev • Elixir • Phoenix
MoMo *Dec. 2020*	Developed a mobile application that serves as a portable, deeply customizable multi-effects unit. • MobMuPlat • Pure Data

Experience

Jul. 2021 – Mar. 2023	**IT Specialist** – Massachusetts Health Connector • Managed AWS cloud infrastructure (EC2, S3, Lambda, WorkSpaces) • Upgraded and deployed local infrastructure (VMware) • Migrated support services from SpiceWorks to ServiceNow