

Jeff Russ

Software Developer

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Career Objective & Skills

Driven by a love of programming, self-learning and creative problem solving with open-source software projects, followed by formal education in Computer Science earning a 3.978 GPA, the next step is to share these skills and knowledge to solve the needs of an enterprise and its stakeholders.

JavaScript



CSS



HTML



React



NextJS



Node



Python



NoSQL



SQL



Formal Education

Thomas Edison State University, Bachelor's in Computer Science

GPA: 3.978

Five President's List Achievements

Two honor society invitations

Graduated Dec. 2021

View Diploma, Transcript, etc.

Career-specific transcript

Course	Grade	Term
System Analysis & Design I	99%	June '21
Software Engineering	100%	Mar. '21
Database Management (SQL)	96%	Mar. '21
Artificial Intelligence	97%	Feb. '21
Computer Architecture	97%	Oct '20
Calculus I	94%	Oct '20
Discrete Mathematics	93%	June '20

Course	Grade	Term
Python Programming	94%	June '20
Data Structures (in Python)	96%	Dec. '19
Operating Systems	93%	Dec. '19
C++ Programming	98%	Sept. '19

Rutgers University, Bachelor's of Music, GPA: 3.011, Two Dean's List Achievements, Graduated May 2005

Certifications, Additional Coursework and Training

Full Stack Engineer Career Path with Codecademy, covering **HTML**, **CSS**, **JavaScript**, **Git**, **GitHub**, **SQL**, **Express.js**, **React.js** & **Node.js**. Sept. '21 ~ Feb. '22

CSMM.101x — Artificial Intelligence with Columbia University via EdX (ColumbiaX) — Taken in parallel with Thomas Edison State University's AI course as it included work implementing AI in **Python**. Feb. '21 ~ Apr. '21

C++ Institute, CPA — **C++** Certified Associate Programmer — View Certificate

Web Developer Bootcamp with CoderManual on Ruby, Rails, **HTML**, **Git**, **GitHub**, **JavaScript**, jQuery & Bootstrap.

Selected Projects

The majority of these open-source projects were created as the basis for, or in service of, closed-source work as a web developer; Oct '15 ~ Present.

next-markdown-journal — A personal journal, blog and portfolio website built in **Next.js**, a **React** a web framework with content authored in MDX files (Markdown with JSX) and **Tailwind CSS** & **Node** scripts for site configuration. Written in **JavaScript** & **HTML (JSX)**. Dec. '21 ~ Present.

spelunker — Utility to batch **Node's** I/O with the **shell**, thus increasing performance of otherwise expensive operations.

jeffpack-for-wordpress — PHP/**JavaScript** Plugin and **CSS (Sass/SCSS** with Bootstrap) Theme enabling remote updating via **Git**.

markdown.design — A with Real-time web page generation from markdown files hosted anywhere. Written in Ruby on Rails with **Sass/SCSS**

gfunc-gem — A collection of multi-purpose Ruby utilities bundled as a Ruby Gem package.

AdlibBlaster — MacOS port of JuceOPLVSTi emulating the Yamaha OPL sound chip written in **C++**.

gits — Enables multiple **Git** repositories from the same working directory. Written in **Bash**.

bash-boolean-helpers — Adds 'truthy' and 'falsy' to **Bash** for better, cleaner syntax.

bashquicks — Staple **Bash** scripts for common tasks.