

## 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



Git



## 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→

Rutgers University, Bachelor's of Music, GPA: 3.011,

Two Dean's List Achievements, Graduated May 2005

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

**Python** Programming

94%

June '20

Data Structures (in **Python**)

96%

Dec. '19

Operating Systems

93%

Dec. '19

**C++** Programming

98%

Sept. '19

## 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.