

**Daniel Collins**

dcollin4@stevens.edu | Hoboken, NJ | (848) 333-3018

---

**EDUCATION:**

**Stevens Institute of Technology** | Hoboken, NJ

Bachelor of Science in Computer Science | Minor in Music & Technology

Expected May 2021

**GPA:** 3.58

**Awards:** Pinnacle Scholars' Program, Stevens Presidential Scholarship

Dean's List

Spring 2018 - Spring 2020

**Relevant Coursework:** Data Structures, Algorithms, Web Programming, Discrete Structures, Database Management Systems, Systems Programming, Programming Languages, Concurrent Programming

**Extracurricular Activities:** Phi Sigma Kappa Fraternity, Stevens Computer Science Club, Google Developer Student Club

**SKILLS:**

**Languages:** Java (5 yrs), Javascript (4 yrs), HTML (5 yrs), CSS (4 yrs), Python (2 yrs), C++ (2 yrs), SQL (2 yr), Scheme (1 yr), OCaml (<1 yr), Erlang (<1 yr)

**Software / Tools:** Git, MongoDB, Node.js, React, Visual Studio Code, Adobe Photoshop, Adobe Premiere, Pro Tools

**PROJECT EXPERIENCE:**

**Forkist** | Hoboken, NJ

September 2020 - Present

Backend Software Engineer

- Worked within a group of developers to develop a social media mobile application based on existing frameworks using technologies such as Node.js, React, and MongoDB.
- Developed API routes to manage relevant user data, such as login credentials, followers / following lists, and privacy settings

**SocialMusic** | Stevens Institute of Technology

October 2019 - December 2019

Web App Developer - Web Programming I

- Developed a social media web application for live music and concert lovers alongside a team of student peers.
- Utilized technologies such as Javascript, Node.JS and Express servers to develop and deploy web applications locally.
- Managed backend using MongoDB for storing and retrieving relevant user data.

**PALS** | Point Pleasant Boro High School, Point Pleasant, NJ

October 2016 - June 2017

Lead Software Developer - Panther Assisted Learning Software (PALS)

- Corresponded with peers and teachers to create requirements documentation in order to insure the project was completed on time and maintained scope.
- Created a webpage using HTML, CSS and JavaScript that allows special needs students to access their schedules remotely at any time.
- Managed a SQL database used to store and retrieves hundreds of entries via MySQL and PHP
- Coordinated between multiple teams of developers and artists to complete a project by a specific deadline.

**WORK EXPERIENCE:**

**Monmouth University** | Long Branch, NJ

May 2016 - August 2016

Summer Research Assistant

- Analyzed signal data from RFID (Radio-frequency identification) scanners and tags to determine trends using Microsoft Excel.
- Developed software using Java to read RFID output data from scanners to RFID tags.
- Used RFID output data to simulate location-based tracking in the event of an emergency water or land rescue
- Worked within a team of individuals under a project manager to ensure our research deliverable was completed on time.