

Bernard Vitale

732-675-3523 | bvitale01@gmail.com | linkedin.com/in/bernard-vitale | github.com/Bernard-Vitale | bernardvitale.dev

EDUCATION

Stevens Institute of Technology | Hoboken, NJ Sept. 2022 – Dec. 2024
Bachelor of Science in Computer Science GPA: 3.75

Brookdale Community College | Lincroft, NJ Sept. 2020 – Aug. 2022
Majored in Computer Science GPA: 3.88

WORK EXPERIENCE

Application Development - Professional I Dec. 2025 – Present
Fiserv *Berkeley Heights, NJ*

- Develop, maintain, and enhance custom client applications using SQR on the DNA core banking platform.
- Translate client business requirements into scalable technical solutions within the DNA ecosystem.
- Design and optimize SQR programs for performance, reliability, and maintainability.
- Write SQL queries and implement data transformations to support custom reporting.

Web Programming Course Assistant Sept. 2024 – Dec. 2024
Stevens Institute of Technology *Hoboken, NJ*

- Conducted weekly office hours, providing guidance to 30+ students on assignments and reinforcing course concepts.
- Tested and reviewed automated grading scripts to ensure consistent and error-free grading for lab assignments.
- Clarified complex course topics to improve student comprehension and problem-solving skills in web development.
- Evaluated and graded student assignments with detailed, constructive feedback, enhancing students coding skills.

Web Developer (Contract) Sept. 2023
The Lawn Spa *Cliffwood, NJ*

- Developed a fully responsive website for a landscaping company and deployed it on Vercel: [The Lawn Spa](#).
- Ensured seamless adaptability across devices with a mobile-friendly layout by using a responsive design.
- Implemented a contact form allowing direct client communication, using NodeMailer to handle email submissions.
- Monitored and resolved technical issues, implementing improvements enhancing website stability and functionality.

PROJECTS

Audio Ave | JavaScript, HTML, CSS, Handlebars, Node.js, Express.js, Git, Spotify API

- Led a team of four developers to create a social media-style app for Spotify listeners, leveraging the Spotify API.
- Developed the user profile pages and the middleware to handle Spotify authentication and authorization.
- Contributed to AI-generated playlist functionality, Spotify stats tracking, and a social playlist-sharing feed.

BiomechVIS | Python, Plotly, Dash, Bootstrap, CSS, Git

- Collaborated in a team of five to develop a data visualization tool for the Biomedical Engineering Lab at Stevens.
- Implemented functionality to plot data from various .mat files onto interactive 2D and 3D graphs.
- Developed intuitive menus allowing users to create an unlimited number of 2D graphs with multiple data points.

Space Adventures | Python, PyGame

- Developed a 2D space survival video game where players dodge and destroy meteors and enemy starships.
- Implemented pixel-perfect collision detection and a real-time score tracking, enhancing gameplay accuracy.

TECHNICAL SKILLS

Languages: JavaScript, HTML/CSS, Java, Python, C, C++, SQL, SQR
Frameworks: React, React Native, Node.js, Express.js, Spring Boot, Dash, Bootstrap
Tools & Databases: Git, VS Code, MongoDB, Redis
Libraries: Handlebars, Axios, Plotly, PyGame, jQuery

LEADERSHIP & INVOLVEMENT

Assistant Coach - Howell High School Varsity Hockey Nov. 2025 – Present
Alternate Captain - Stevens Ice Hockey Sept. 2022 – Dec. 2024
Captain - Jersey Shore Whalers Sept. 2020 – Feb. 2022