

# Darrell Martin

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## EDUCATION

Indiana Institute of Technology

Fort Wayne, Indiana

Bachelor of Science in Computer Science

Expected Graduation, December 2023

- GPA: **3.2/4.0** (x2 Dean's List)
- Minor: Web Design | Humanities

**Coursework:** Data Structures & Algorithms, Object Orientation, Database Systems (SQL), Discrete Structures, Linear Algebra, Computer Science I & II (C++), Programming I & II (Java), Programming III (Kotlin), Web Development I & II (JavaScript) (Python)

## SKILLS

- Programming: C++, Java, C, Python, JavaScript, HTML/CSS, SQL, Kotlin
- Technologies: Git, ReactJS, Bootstrap, Jupyter Notebook, Microsoft Suite, Adobe Photoshop
- Platforms: MacOS, Windows, Linux

## EXPERIENCE

### BNSF Railway

Fort Worth, TX

Software Engineering / Enterprise Architecture Intern

June 2022 – August 2022

- Assisted in the User Interface and Front-End development of an emailing application that provides train crews information and performance of BNSF freight yards across the United States (JavaScript / Java)
- Developed an Application Programming Interface (API) that calculates train bowl metrics from 250,000 train cars for each major train hump yard across the United States and is used by over 1,000 railroaders daily (Java)

### Compass Mortgage

Warrenville, IL

Information Technology Intern

May 2021 – August 2021

- Offered technical support to over 300 employees at multiple office branches
- Completed support tickets through Asana and Freshdesk applications
- Setup and performed maintenance on virtual environments and test server

### Indiana Institute of Technology: Office of Student Success

Fort Wayne, IN

Computer Science Tutor

January 2022 - Present

- Help over 1,500 students develop problem-solving and comprehension skills
- Courses include Computer Science, Information Systems, Networking, and Engineering classes

## PROJECTS

### Machine Learning: Predicting Boston Housing Prices (Python)

- Developed Machine Learning model to predict the price of houses in Boston, MA through the use of machine learning algorithms

### Bill Splitter (HTML / CSS / JavaScript)

- Created a Bill Splitter application with user friendly features such as input validation, real-time calculations, and dynamic updates

### Tic-tac-toe (Java / JavaFX)

- Built a Tic-tac-toe game with an intuitive user interface, adhering to the game rules, and utilizing Object Orientation principles

## ACTIVITIES & LEADERSHIP

### National Society of Black Engineers (NSBE)

August 2019 – Present

President (May 2022 – Present) | Vice President (May 2021 – May 2022) | Senator (January 2020 – May 2021)

- Represent chapter at every Regional and National event, plan annual banquet including managing company sponsorships, marketing, and ticket sales, organize and manage travel plans including Fall Regional Conferences and National Conferences

### Talwar College of Engineering & Computer Sciences Undergraduate Advisory Board

August 2022 – Present

Presidential Committee Member

- Advocate for the STEM students within the institution, communicate with leaders in the College of Engineering and Computer Sciences, and identify common goals amongst organizations on campus for further advancement.

### Student Executive Board (SEB)

January 2020 – Dec 2021

Member

- Recognize new student organizations, process funding requests from student organizations, confirm that organizations are still meeting minimum requirements, and if necessary, place organizations on probation and/or revoke their recognition

## HONORS & CERTIFICATES

Indiana Institute of Technology Honors Program

August 2019 – Present

National Society of Black Engineers Operating in Excellence Scholarship Recipient

May 2022

Sigma Phi Epsilon: Balanced Man Scholarship Recipient

November 2019