

# PATRICK LEDEW

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An aspiring software engineer with strong technical and problem solving skills seeking a summer job focused around technology or software development.

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## TECHNICAL EXPERIENCE

### FIRST Tech Challenge Robotics Team

2017 - 2020

Participated in the FIRST Tech Challenge on a local high school robotics team; gained experience in engineering and software development through mentorship and competition with other teams in local and statewide competitions.

- Developed Java/Android code to control the team's robot.
- Led the development of our team's website.
- Overhauled the team's website to be mobile-friendly and marketable to potential sponsors. (Available at [www.saturn9944.com](http://www.saturn9944.com))
- Mentored other students by teaching them web development and other programming skills.

### Web Development

2020

Developed a website for a client using React, NodeJS, and Express and deployed using Heroku.

- Communicated with the client to share design ideas, report progress, and receive feedback.
  - Utilized React to create reusable and components.
  - Utilized Bootstrap 4 to make the website responsive and mobile-friendly.
  - Deployed using Heroku. (Available at [www.bigentertainmenttyt.com](http://www.bigentertainmenttyt.com).)
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## EDUCATION

### Florida State College at Jacksonville

Aug 2019 – Apr 2020  
Jacksonville, FL

Dual Enrollment / Early College

- GPA: 4.0

### University of North Florida

Aug 2020 – Apr 2024  
Jacksonville, FL

B.S., Computer Science

- GPA: 3.95
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## TECHNICAL SKILLS

- *Programming Languages:* Javascript, C++, Python, Java, HTML, CSS
  - *Web Frameworks:* React, NodeJS, Socket.io, Bootstrap 4, ExpressJS
  - *Source Control:* Git, GitHub
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## SOFT SKILLS

- Self-Motivated
  - Written Communication
  - Detail-Oriented
  - Problem Solving
  - Friendly and Empathetic
  - Quick Learner
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## RELEVANT COURSEWORK

- Procedural Programming (*C*)
- Object-Oriented Programming (*Java*)
- Computational Structures / Discrete Math
- Data Structures (*Java*)
- Computer Architecture and Organization (*C, MIPS*)
- Legal & Ethical Issues in Computing
- Computer Networks