

## Titus Nigriel

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### EDUCATION

**Rochester Institute of Technology** – Rochester, NY

Expected graduation: May 2028

**BS & Master of Sciences in Electrical Engineering**

- Digital Systems, Circuit 1, Intro to Nanoelectronics, Chemistry for Engineers

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### TECHNICAL SKILLS SUMMARY

**Programming Languages:** Visual Basic, Python, HTML, CSS, JavaScript,

**Other Skills:** Windows, Mac OS, PC Building, MS Excel, MS Word, MS PowerPoint

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### PROJECTS

**Self-Made Soldering Iron** - *Personal*

January 2020

- Designed and constructed a custom soldering iron out of a pencil and old wires with the help of junior engineering websites. This project involved developing a prototype tailored to specific requirements, showcasing design and hands-on assembly skills, and demonstrating my proficiency in electronics and fabrication.

**W.E.B DuBois, Princeton** – *Team*

Jun 2020 – Jul 2020

- Participated in the WEB DuBois Engineering Academy for five weeks where we were taught Python coding in the Jupyter Notebook IDE to work with real data.
- Engaged in the Hacking For Humanity in which code was used on about 20 real data sets to sort and order the data into relevant sections such as city population and state population

**RIT Digital Systems 1** - *Lab*

Jan 2024 – May 2024

- Designed a final project about Bit Serial Adder Subtractor with an Accumulator System that aided in making me familiar with digital circuit control finite state machines that perform binary addition and subtraction on multi-bit numbers one bit at a time.

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### WORK EXPERIENCE

**A&T Electronics** – *Belleville, NJ*

Jul 2017– Aug, 2023

- Shadowed workers in electronic shops to learn how to install operating systems utilizing USB sticks. Learned how to install batteries, memory RAM, and keyboards that allowed broken computers to become functional again
- Engaged with over 20 customers weekly to create assignments that would then be reviewed and visited for completion leading to over 5 customers per week having their computers fixed within a matter of days.

**RIT Gracie's Dining** – *Rochester, NY*

Sept 2023 – Present

- Communicated with over 100 students to understand their needs and wants regarding food in hopes of a satisfactory exchange
- Prepare and serve hundreds of students a day through set regulations and safety standards to guarantee they have correct, safe, and satisfactory food for their meals.

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### LEADERSHIP ACTIVITIES & VOLUNTEER EXPERIENCE

**The Braven Accelerator** – Fellow, *Remote*

Jan 2024 – April 2024

- Developed workforce skills such as leadership, operating and managing, communicating and networking, working in teams, and problem-solving by completing a 14-week leadership and professional development course.
- Designed a career roadmap by outlining 3 specific, short-term goals and identifying possible obstacles, strengths and support systems to help achieve each goal.

**Dorson Community Foundation** – Fellow, *East Orange, NJ*

Oct 2019 – Jun 2023

- Participated in college readiness and career development classes to prepare for college and professional life post-high school.
- Engaged in community service to help the homeless population during holidays to acquire food and shelter by prepping food and serving over 50 families a night and giving the resources of shelter locations

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### INTERESTS

- AI exploration/research, reading, coding, Sports, trying new foods, building and testing engineering projects,