

# URIEL CHILAKA

## COMPUTER ENGINEERING STUDENT

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### EXPERIENCE

#### Software Developer, Paradigm Engineering (Extra-Curricular) Sept 2025 - Present

- Contributing to the software subteam in developing embedded control systems using C and Arduino IDE.
- Assisting in testing and debugging system components for improved responsiveness and reliability.
- Building foundational knowledge of microcontrollers, PWM control, and sensor integration.

#### Summer Intern, Nasdaq Verafin Summer 2021 - Summer 2022

- Programmed a facial recognition home security system using Raspberry Pi and Python during cybersecurity-themed hackathons.
- Learned and applied core Python programming principles to real-world challenges.
- Reviewed and refined candidate resumes for internal hiring exercises, developing attention to detail and quality assurance skills.

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### EDUCATION

<b>Memorial University of Newfoundland &amp; Labrador</b> <i>Bachelor Of Engineering - Computer Engineering</i> <i>National Society for Black Engineers MUN</i>	<b>St. John's, NL, Canada</b> <i>Class of 2029</i>
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### PROJECTS

#### Personal Portfolio | React, Tailwind CSS Oct 2025

- Designed and developed a personal portfolio website with React and Tailwind CSS.
- Implemented smooth-scroll navigation, animated components, and responsive design for all devices.
- Deployed with CI/CD pipeline on Vercel for automatic updates from GitHub.

#### AI Study Planner | Python, Tkinter, Arduino Mar 2025

- Designed an AI-based study planner helping first-year students organize schedules.
- Integrated rotary dial, button, and OLED display for interactive input.
- Selected as Top Project Nominee for Verafin Innovation Competition.

#### New Canadians GUI | Python, GUZERO Jun 2024

- Developed a user-friendly GUI to help newcomers access Canadian government services efficiently. Presented the tool to the NL Board of Teachers as an educational support resource.

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### SKILLS

- **Languages:** Python, C/C++, Javascript, HTML, CSS
- **Tools & Platforms:** Git, Github, Linux, Arduino IDE, Visual Studio Code, Pycharm, AutoCAD
- **Hardware:** Arduino, Raspberry Pi
- **Professional:** Teamwork, Communication, Project Management, Documentation (Microsoft Office)

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### AWARDS & RECOGNITION

- Browns Scholarship - \$10,000
- Technology Career Pathway Scholarship - \$2,500
- Memorial University Transforming Our Horizons - \$2,000
- Waterford Valley Exemplary Leadership - \$100