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.

EDUCATION

Memorial University of Newfoundland & Labrador   **St. John's, NL, Canada**
Bachelor Of Engineering - Computer Engineering   *Class of 2029*
National Society for Black Engineers MUN

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, GUIZERO   **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.

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)

AWARDS & RECOGNITION

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