



Nicolas Deklen
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Nicolas Deklen Crocker

Electrical Engineer

About Me Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus vel bibendum metus. Proin rutrum pharetra molestie. Cras sollicitudin nulla nec leo lobortis in tristique purus pretium. Ut eu felis nulla. Pellentesque condimentum justo ut ligula feugiat nec facilisis tellus ultricies. Nullam sit amet dictum ipsum. Sed lacus neque, hendrerit eu rhoncus nec, pellentesque vitae sem.

Experience

Embedded System Developer **Jones Microwave Inc.**

Aug 2022 - Present
Edmonton, AB

- Develop a comprehensive market survey of dozens of multiple laser diode drivers for viability in custom PCB design
- Research further background theory in the physical attributes of VCSELs and laser diodes for their successful implementation for application specific PCB.
- **Technologies:** Qucs Studio, Laser Diodes, VCSELs, Laser Drivers

Head Lifeguard **University of Alberta**

Jan 2023 - Present
Edmonton, AB

- Lead and *direct* other Lifeguards to provide a safe and comfortable environment for all patrons
- Support fellow lifeguards during medical emergencies and patron incidents
- Provide support in the training, mentoring and organization of lifeguards
- Oversee aquatics facility in the absence of full-time and management staff

Lifeguard **University of Alberta**

Jun 2022 - Dec 2022
Edmonton, AB

- Work with other Lifeguards to provide a safe and comfortable environment for all patrons
- Support fellow lifeguards during medical emergencies and patron incidents

Project Assistant (Summer Internship) **Government of the Northwest Territories (GNWT)**

Apr 2019 - Aug 2021
Inuvik, NT

- Build and upgrade Visual Basic for Applications tools in Excel and Access for Project Manager to receive and analyze the latest project information from all of the project officers across our office's jurisdiction
- Manage and maintain project budget and status information for over 100 ongoing and upcoming projects in the Beaufort Delta and Sahtu regions
- Complete audits of multi-year and multi-contractor projects to assist project officers in settling disputes with contractors
- Attend meetings and site visits with project officers and community officials for project status and update meetings.
- **Technologies:** Access, Excel, SQL, VBA



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May 2020 - Aug 2020, COVID-19 Public Health Officer, GNWT

- Protect the community of Inuvik from exposure to COVID-19 by processing individuals arriving from multiple different flights into the community
- Direct and communicate required information to visitors ensuring correct isolation procedures and protocols were being followed

May 2020 - Aug 2020, COVID-19 Public Health Officer, GNWT

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May 2020 - Aug 2020, COVID-19 Public Health Officer, GNWT

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Education

2018 - 2022, University Of Alberta

- Bachelor of Science in Electrical Engineering
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Communication Skills

2015, Oral Presentation, California Business Conference

Presented research I conducted for my Masters of Engineering degree.

2014, Poster, Annual Business Conference (Oregon)

As part of the course work for BUS320, I created a poster analyzing several local businesses and presented this at a conference.

Software Development Skills

Programming

- | | | |
|--------|---------|----------|
| ◦ Java | ◦ Shell | ◦ Python |
| ◦ C++ | ◦ PHP | ◦ Matlab |

Computer Software

- | | | |
|---------|-------|-----------|
| ◦ MySQL | ◦ iOS | ◦ Android |
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Interests

Professional

Data analysis, company profiling, risk analysis, economics, web design, web app creation, software design, marketing

Personal

Piano, chess, cooking, dancing, running

References