NATHANIEL
DRING

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Nathaniel Dring 🔗
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OBJECTIVE

To begin a path leading to a career in Software Development by contributing my technical skills and knowledge to your team

EDUCATION

BSc (Computer Science Major, Business Minor) | University of Victoria

SEPTEMBER 2015 – PRESENT **(GRADUATING APRIL 2020)**

Major GPA - 3.8 | Cumulative GPA - 3.0

High School Diploma | Sullivan Heights Secondary School

SEPTEMBER 2010 – 2015

Honour Roll 2010 – 2015

SKILLS

Languages	Software
Java	Git
C++	Visual Studio
C	Eclipse
Python	**Microsoft Office**
SQL	AutoCAD
JavaScript	Salesforce
AVR	TaxCycle
Go	ProFile

- Developed, implemented, and optimized various data structures and algorithms
- Programmed using object-oriented languages, such as **Java**, for coursework and projects
- Designed and queried databases using Microsoft Access and SQL
- Written programs for Arduino boards in AVR Assembly and **C**, using Atmel Studio
- Worked with cutting edge hardware, assembling custom PCs and configuring office networks
- Utilized **Microsoft Office** for 5+ years in a professional and educational environment
- Constructed a personal portfolio website using **JavaScript**, HTML, and CSS
- Analysed and prepared sensitive financial information for clients using TaxCycle and ProFile
- Coordinated deliveries and onsite safety meetings with team-members and project managers

TECHNICAL PROJECTS

Tic-Tac-Toe   January, 2019
- Collaborated with a classmate to develop a multi-user online game, using GitHub for version control
- Created an API with Go to handle JSON data, allowing users to communicate with the server
- Developed GUI with JavaScript, HTML, and CSS

Scrolling Message Device   November, 2018
- Utilized AVR Assembly language to display a scrolling custom message on an Arduino board LCD, applying pointers and interrupts to wrap the text around the screen
- Extended the scrolling application with modifiable speed and messages, controlled with analog buttons

Calculator   January, 2018
- Constructed using object-oriented programming, in Java, a functioning calculator with GUI
- Implemented an algorithm to convert infix expressions into postfix using a stack and tokenizer
- Created GUI using Swing

EMPLOYMENT EXPERIENCE

Plumber | Rock Mechanical
2016 – 2018
- Shop work, roughing, finishing and sprinkler fitting

Systems Development Assistant/ Junior Accountant | Aylett Grant Tax
2014 – 2016
- Data entry, tax return prep, administrative tasks and IT support

Taekwondo Instructor/Coach/Referee | Canwest Taekwondo Academy
2010 – 2015
- Responsible for training youth and adult athletes in both technique and discipline / Coaching athletes in competition

INTERESTS AND ACTIVITES

- **Playing Rugby –** Varsity athlete for UVic
- **Practicing Martial-Arts –** 1st degree Taekwondo black-belt and youth coach
- **Reading –** History, Business, and Literature Books

REFERENCES

Dale Zelter | Rock Mechanical Owner
Phone: 604-541-1315
Email: Dale@RockMechanical.com

Mostafa Rahimpour | CO-OP Coordinator
Phone: 250-472-5822
Email: mrahim@uvic.ca