DANA HUGET
Software Developer
BSc Geomatics

danaliyahuget@gmail.com
1 (250) 818-5229
C-1742 Fort Street
Victoria, BC V8R 1J4

EDUCATION

University of Victoria Victoria BC — *BSc Geomatics*

Combined majors Computer Science and Geography (GIS) accomplished in three years with co-op work experience

EXPERIENCE

Trailmark Systems Inc. Victoria, BC — *Web & GIS Software Engineer*

JULY 2021 - PRESENT

- Remote development and support for SaaS product & custom client software & web-based GIS projects in an agile, spatially and discipline diverse team environment
- Participate and lead in the development cycle from concept to delivery of customer focused custom web & cloud based GIS applications resulting in full product ownership
- Design full user experience, architect front end & model cloud database in a server-side web mapping project for coastal infrastructures integrated with RESTful API to second party climate change data
- Writing well-designed code in compliance with specifications
- Developing flowcharts and documentation to describe software
- Collaborating on UI design mock-ups and prototypes with a focus on user experience
- Troubleshooting and debugging with the ability to analyze code and engineer well-researched solutions
- Providing peer feedback and contributing to highly maintainable code with code reviews
- Onboarding, assisting & supervising co-op students

19Labs Victoria, BC — *Intermediate Software Engineer*

SEPTEMBER 2018 - JULY 2021

- Development and support for the telehealth 19Labs Gale Project on both web based and mobile apps in a small, highly collaborative agile team environment
- Writing excellent code to meet shareholder & customer specifications for full stack platforms
- Find and resolve errors or defects as well as resolving inconsistencies in UI elements
- Providing code reviews following Git protocols
- Ensuring customer experience satisfaction through quality assurance
- Senior development support in high level concepts

LINKS

linkedin.com/in/dana-huget

github.com/dahuget

danahuget.com

SKILLS

Software development & design

Proficient in Java, Javascript, HTML, CSS, jQuery, PHP & Kotlin

Experience with MySQL, ReactJS, Python, R, C, C++, Swift, Go

Cloud based database development & mgmt (AWS, Postgres & PostGIS)

Android mobile app development

iOS mobile app development

Agile tools (JIRA, Bitbucket, Confluence)

Version control (Git, Github)

GIS applications & concepts

ArcGIS tools incl. Desktop, Online, Web AppBuilder

Web map APIs incl. Mapbox GL JS

Spatial modeling & 2D/3D Spatial analysis

Remote sensing applications

Quick, enthusiastic, curious learner

High aptitude to learn new software programs & languages

Organized, strong attention to detail

Committed to quality

Resourceful, creative problem solver

Team-player with the drive to also work independently

Collaborative energy

Strong oral/written communication and interpersonal skills

19Labs Victoria, BC — *Junior Software Engineer (Co-op)*

APRIL 2018 - AUGUST 2018

- Provided support to senior developers
- Assisted in the maintenance of software, fixed small bugs and developed features that directly impacted the end user product
- Code debugging and code review
- Developed version control software skills and understanding of Agile software methodologies
- Product testing and participation in improvement discussions

InDro Robotics & Remote Sensing Salt Spring Is., BC — *Jr. Autonomous Systems Engineer (Co-op)*

SEPTEMBER 2017 - DECEMBER 2017

- Assisted engineers with aerial and marine robotics operations
- Use of various photogrammetric and GIS software suites to generate maps (2D and 3D) and other data product deliverables
- Tested and compared open source and licensed GIS software
- Edited and updated company WordPress facilitated website
- Achieved top marks in unmanned aerial vehicle training program and later assisted in the teaching of both ground and flight school

Apollo Machine & Welding, Edmonton, AB — *Procurement Specialist*

SEPTEMBER 2014 - DECEMBER 2015

- Sourced raw material via continuous verbal and written communications with various vendors and engineers
- Read and interpret engineering drawings, assessed material test reports, comprehended technical specifications
- Worked independently and adhered to project deadlines
- Produced daily purchasing reports and monthly cost savings reports

CERTIFICATES

InDro Robotics, Salt Spring Is., BC — *Compliant UAV Pilot*

DECEMBER 2017

Transport Canada recognized compliant pilot certificate requiring ground and flight school completion

REFERENCES

AVAILABLE UPON REQUEST

INTERESTS

Riding motorcycles with friends

Reading a good book with a lukewarm cup of tea outside on a beach

Travel of any magnitude

Writing

Card games

Vintage thrifting

Classic car & motorcycle shows

Learning Dutch

Listening to podcasts