

DANA HUGET

Software Developer

BSc Geomatics

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LINKS

danaaliyah.com

linkedin.com/in/dana-huget

github.com/dahuget

SKILLS

High aptitude to quickly learn new software languages & tech stacks

Grit and tenacity to accomplish tasks while under deadline

Software development & design

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

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

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

Android & iOS mobile app development

Agile tools (JIRA, Bitbucket, Confluence)

Version control (Git, Github)

GIS applications & concepts

Web mapping APIs incl. Mapbox GL JS

ArcGIS tools incl. Desktop, Online, Web AppBuilder

Spatial modeling & 2D/3D spatial analysis

Remote sensing applications

Strong oral/written communication and interpersonal skills

Quick, enthusiastic, curious learner

Organized, strong attention to detail

Committed to quality

Resourceful, creative problem solver

Team-player with the drive to also work independently

Collaborative energy

EDUCATION

University of Victoria Victoria BC — *BSc Geomatics*

JANUARY 2016 - DECEMBER 2018

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 - OCTOBER 2023

- Remote full stack development and support for SaaS product and custom client software projects in an agile and discipline diverse team environment
- Participate and lead in the development cycle from concept to delivery of customer focused 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 constructive 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 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 user experience satisfaction through quality assurance
- Senior development support in high level concepts
- Onboard & oversee co-op students with dedication to their success

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 (drone pilot) commercial 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
- Developed positive and cost-beneficial relationships with vendors
- 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 for commercial drone use

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