

Mathew Dodds

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EDUCATION

- Masters Degree**, Dalhousie University 2021 – 2023 | Halifax, Canada
Community and Regional Planning (mPlan)
Research explored inclusive participatory planning methods.
- Undergraduate Degree**, Simon Fraser University 2018 – 2020 | Burnaby, Canada
Geography (BA)
Won graduate award for academic excellence and involvement (SFU Peter Schaub Memorial Book Prize).
Certificate in Urban Studies
Explored urban issues from historical, sociological, and geographic perspectives.
Certificate in Geographic Information Science (GIS)
Researched public health, geospatial statistics, and spatial analysis.
- Studied Abroad**, Concordia University 2019 | Montreal, Canada
Urban planning, urban design, and site planning.

PROFESSIONAL EXPERIENCE

- Planner**, CityState Consulting Group, Port Moody, BC 2022 – present
- Serve clients with site planning, architectural design, site analysis, project management, pro forma studies, planning rationale reports, and general planning consulting.
 - Manage development projects that satisfy the landowner / client, the concerning municipal government, and relevant regulatory documents such as community plans, bylaws, and zoning regulations.
 - Coordinate and communicate with stakeholders and partners including: clients, municipalities, the general public, civil engineers, architects, arborists, geotechnical consultants, environmental consultants and traffic engineers.
 - Conduct comprehensive site analyses to find highest and best uses of a given parcel for clients looking to develop such land.
 - Use GIS to understand market and development trends, conduct land analyses, visualize land use, and visualize future cityscapes in 3 dimensions.
 - Conduct massing studies in SketchUp and/or Unreal Engine to understand highest and best use of site while aligning with zoning provisions and design precedent.
 - Designed Landscape Plan for a residential development in Port Moody to satisfy both the municipality and client while contributing to local urban biodiversity.
- Senior Web Developer, Owner**, Little Fox Digital, BC 2018 – present
- Sole proprietorship; servicing clients with full stack web development, content creation, and graphic design.
 - Plan, design, develop, and maintain, several scalable modern web applications for real estate and property management businesses in British Columbia. Develop frontend and backend using JS, Vue, Node, Postgres, PhP, and more.
 - Design fast, intuitive and accessible web interfaces using modern technology stacks while following current web standards for security and privacy.
 - Develop innovative web mapping interfaces for real estate websites; while designing and managing georeferenced databases and RESTful APIs that efficiently feed such web maps.
 - Senior-level experience in managing, developing, and testing large web application projects while maintaining healthy client relationships.
 - Proficient in auth protocol including OAuth 2.0 and JWTs.
 - Consistently maintain a positive reputation among clients to establish loyal customers and referral networks.

PRACTICAL SKILLS

Project Management

- Interpersonal Skills
- Consulting
- Plain Language
- Business Communication
- Project Planning

Site Planning and Architectural

Design

- Conceptual Design
- SketchUp & LayOut
- Unreal Engine
- CAD

GIS/Geospatial Statistics

- Spatial Analysis
- 3D Geovisualization
- Cartography
- ArcGIS
- qGIS

Web Development

- Javascript & NodeJS
- Vue 3/Composition API
- HTML/CSS/PhP
- GraphQL & REST
- Git & Linux Deployment

Digital Mapping

- Mapbox/Here/Google Maps APIs
- GeoJSON/PostGIS
- Geospatial data driven web apps
- Participatory GIS
- Interactive/Reactive maps w/ Vue 3

Adobe Suite and Design

- Photoshop
- Illustrator
- InDesign
- Lightroom
- XD

RECENT PROJECTS

All Voices, Masters research [🔗](#)

2022

- A mixed-methods study on conducting online engagement in diverse communities
- Uncovered discriminatory barriers in community engagement
- Conducted user study to identify underlying inequities in how online engagement platforms are designed
- Conducted interviews with professional planners to strengthen findings
- Explored the intersection of planning and Human Computer Interaction theory

Conservation Strategy, Eastern Chebucto Peninsula, NS

2023

- Engaged with stakeholders and community groups
- Developed community-based conservation vision, goals, and priority actions

Sustainable Growth via Planning: Coworking [🔗](#)

2021

- Studied how coworking can be supported through municipal planning frameworks
- Utilized GIS to visualize suitable coworking development sites in Halifax as an example of how planners can target growth nodes for coworking development

INTERESTS

Community-led Planning

Equitable, effective community engagement and empowerment.

Urban Science

How the planning process can be improved with data and technology.

EDI and Fairness

Making planning decisions that are representative of communities.