

# Eliot Woodrich

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Working remotely from Vancouver, WA

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## EXPERIENCE

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- Software Developer** Remote
  - Colliers Engineering & Design* *August 2022 - Present*
    - Develop full stack web applications for internal clients using C#, TypeScript, JavaScript, and ASP.NET including cloud deployment with Azure.
    - Design user interfaces with React, Angular, and HTML/CSS with Bootstrap and Material UI.
    - Work with Microsoft SQL Server using Entity Framework for object relational mapping (ORM) and SQL Server Management Studio (SSMS) for querying and maintenance.
    - Follow software development lifecycle to plan, design, build, test, and deploy software applications including gathering requirements and iterating functionality based on stakeholder feedback.
- Software Implementation Consultant** Sacramento, CA (Hybrid)
  - FAST Enterprises* *March 2021 - August 2022*
    - Developed software solutions for the California Department of Tax and Fee Administration (CDTFA) using C#, VB.NET, SQL and application-specific configuration for GenTax, a web-based software package for government agencies administering tax programs.
    - Worked in a development environment making extensive use of the .NET framework (Visual Basic.NET and C#). Routinely used Visual Studio 2019 and Microsoft SQL Management Studio (SSMS) to complete work tasks.
    - Developed integration with an external REST API using VB.NET for CDTFA allowing the agency to verify taxpayer information with the California Secretary of State; increasing compliance with business registration requirements and reducing fraud for taxpayers.
- Co-Founder / Software Developer** Remote
  - Istoria Software LLC (istoria.io)* *May 2020 - March 2021*
    - Led development and co-founded startup accepted into Yale University's Tsai CITY Accelerator in Spring 2021 for early stage startups with a minimum viable product and demonstrated user activity. Oversaw delegation of work to an additional contracted software developer.
    - Wrote majority of codebase for complex web app with 500+ monthly active users. Developed from ground up with React (using React Hooks and Redux for state management) and modern JavaScript development practices (ES6+). Hosted via Google Cloud Platform (Firebase) using NoSQL document-oriented Firestore database and CircleCI continuous integration.
    - Created brand imagery using Adobe Illustrator and Photoshop. Designed mobile-friendly responsive user interface with Material UI.

## EDUCATION

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- Bachelor of Science, Computer Science** Portland, OR
  - Portland State University* *June 2020*
- Bachelor of Science, Political Science** Portland, OR
  - Portland State University* *August 2015*

## PROJECTS

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- thinkwithin:** Cross-platform Android and iOS mobile app for journaling implemented with .NET MAUI in C#.
- python-netsurv:** Python library for configuring a wide range of IP cameras which use the NETsurveillance ActiveX plugin. Reverse engineered protocol using packet inspection with Wireshark.
- istoria.io:** Creative writing platform developed in React using Material UI hosted on Google Cloud. (Spring 2021 Tsai CITY Accelerator @ Yale University)