

Eliot Woodrich

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EXPERIENCE

- **FAST Enterprises** Sacramento, CA (Hybrid)
Software Implementation Consultant *Mar 2021 - Present*
 - Develop technical 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 hosted on AWS using ASP.NET for government agencies administering tax programs.
 - Work in a development environment making extensive use of the .NET framework (Visual Basic.NET and C#.NET). Routinely use Visual Studio 2019 and Microsoft SQL Management Studio (SSMS) to complete work tasks.
 - Responsible for developing integration with an external RESTful API using VB.NET for CDTFA allowing the agency to verify taxpayer information with the California Office of the Secretary of State; increasing compliance with business registration requirements and reducing fraud for California taxpayers.
- **istoria.io** Remote
Co-founder/Software Developer *Dec 2019 - Mar 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.
 - 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. Was responsible for establishing a continuous integration setup using CircleCI with automated deployment to a testing, staging and production environment.
 - Used Adobe Illustrator and Photoshop to create brand imagery. Designed user interface using Material UI with custom CSS styles for consistent user experience and brand identity.
 - Oversaw delegation of work to an additional contracted software developer. Reviewed code contributions and used GitHub Issues and Git pull requests to coordinate development work.

EDUCATION

- **Bachelor of Science, Computer Science** Portland, OR
Portland State University *Fall 2016 – Spring 2020*
- **Bachelor of Science, Political Science** Portland, OR
Portland State University *Fall 2011 – Summer 2015*

PROJECTS

- **istoria.io:** Creative writing platform developed in React using Material UI as a UI framework hosted on Google Cloud. (Spring 2021 Tsai City Accelerator @ Yale University)
- **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.

SKILLS

- **Languages:** Javascript, Python, HTML/CSS, Visual Basic.NET (VB.NET), C#
- **Web and Cloud Technologies:** React, Google Cloud, Firebase, AWS
- **Tools:** Git, Visual Studio, VS Code, Microsoft SQL Server Management Studio (SSMS)
- **Database Systems:** Google Cloud Firestore (document-based NoSQL database), MS SQL
- **API Integrations:** Mailgun, Mailchimp, Amazon Simple Email Service (SES)