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resumethatworks.com/

Craig Kovatch Kovatch

Principal Software Engineer

Always eager to do things that matter with people who care.

SKILLS

Cascading Style Sheets (CSS)

React.js   React

LANGUAGES

Japanese
Full Professional Proficiency

INTERESTS

Interest

WORK EXPERIENCE

Principal Software Engineer / Iconic Emoji Artisan
Tableau Software

08/2020 - Present   *Seattle, Washington, United States*

Lead engineer on Tableau Widgets team, driving full-lifecycle development of the UI library which the rest of the company uses to build its web UI. We work at an interesting intersection of layers. On the one hand we work on "frontestof-front-end": building UI primitives. On the other, we are fundamentally a developer infrastructure team whose work is consumed by 150+ dependent packages with sometimes wildly different use cases. All while staying backwards compatible

Lead Software Engineer
Tableau Software

04/2020 - 08/2020   *Seattle, Washington, United States*

Senior Software Engineer
Tableau Software

01/2018 - 04/2020   *Greater Seattle Area*

Software Engineer
Tableau Software

05/2015 - 01/2018

Selected to serve as a member of the architectural planning committee for Tableau's browser-hosted code.* Drove technical effort to make viewing Tableau data visualizations Accessible and WCAG-compliant. This involved a deep-dive across much of Tableau Server's front-end codebase, including analysis and retrofitting of years-old legacy code for compatibility with JAWS, NVDA, and VoiceOver. Became subject matter expert in focus management and keyboard navigation. Created simple solutions for complex component interactions. Developed and presented Accessibility Best Practices material to drive awareness and adoption across the company.

Software Development Engineer
Amazon.com - Product Pipeline Team

09/2010 - 04/2014   *Seattle, WA*

* Identified and resolved inefficiencies in search architecture, dropping index build time by 80%, size by 15%, while more than doubling document count.* Took ownership and overhauled critical "product override" tool, used by approximately 5,000 users across all organizations of Amazon.* Built entirely new service to provide instantaneous, self-service configurability to product matching behavior, resulting in dramatically improved experience for customers and product managers.

Software Development Engineer (Intern)
Amazon.com

06/2009 - 01/2010

* Built long-desired Japanese Product Matching pipeline, including from-scratch solutions for Japanese-specific problems in tokenization, normalization, and search query generation. This provided for vastly improved inventory management for thousands of third-party sellers.* Integrated general Product Matching engine with modern search infrastructure, eliminating obsolete and expensive dependencies, and greatly reducing team operations load.* Developed analysis and evaluation tools to accelerate ongoing development and debugging.

Consultant
University of Washington: International Programs & Exchanges

06/2006 - 01/2009

Web development, data analysis, SQL and systems administration.

WORK EXPERIENCE

Activity Leader
University of Washington: International Outreach Programs

06/2003 - 09/2008

Worked with international student groups to improve their English communication ability and intercultural understanding. Lead field activities of up to fifty students, often coordinating multiple vehicles, drivers, and destinations. Was relied upon to make quick decisions and mediate cultural misunderstandings. Translated between English and Japanese.

Developer/Consultant
BoxWave

06/2006 - 12/2006

Built custom payroll system for improved privacy, reliability, and efficiency. Reduced product development time and cost with a data integration web application.

Web Developer
University of Washington: Catalyst Client Services

03/2006 - 09/2006

Worked on internal staff tool suite (workflow, training, CMS) and redesigned its UI. Modernized asset and issue tracking system. Also was responsible for the redesign and ongoing support of several intra-departmental websites.

Lab Consultant
University of Washington: Catalyst Client Services

09/2003 - 03/2006

Supported and trained students, faculty, and staff on a wide variety of hardware and software platforms. Handled customer requests and complaints.

ORGANIZATIONS

Organization Name

CERTIFICATES

Certificate Name

ACHIEVEMENTS

Achievement Name

PERSONAL PROJECTS

Project Name

EDUCATION

BS, Computer Science, Technical Japanese
University of Washington

2010

BA, Japanese Linguistics, Music Theory
University of Washington

2010

EDUCATION

Japanese, International Studies
Ritsumeikan University