

Adam Waldron

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Education:

UNIVERSITY OF WASHINGTON

B.S. Computer Science. Coursework in AI, natural language processing and mobile applications.

UNIVERSITY OF ALASKA

Associates Degree, Air Traffic Control. Coursework in Computer Science.

Experience:

STAFF SOFTWARE ENGINEER, BRIGHTCOVE, REMOTE — 10/2022-3/2025

Contributed to, maintained, and supported video.js and all associated open source libraries. SME and mentor for the web players team which facilitated streaming 2.5 million hours of video per day. Maintained an active membership in various industry working groups helping to shape the streaming industry. Prepared and presented talks for video related meetups and conferences. Designed, built, and deployed solutions for ISOBMFF parsing, low latency streaming, text track/metadata extraction, and content steering.

SOFTWARE ENGINEER 3, COMCAST, SEATTLE WA — 6/2017-10/2022

Created browser video player SDKs for DASH and HLS streaming using MSE employing DRM, ad-insertion, and analytics. Helped build and debug various video playback components that utilize our in-house players as well as open source resources.

SOFTWARE ENGINEERING INTERN, T-MOBILE, BELLEVUE WA — 10/2016-6/2017

Developed software to demonstrate future wireless technologies such as 5G. Built an augmented reality Android application, a network performance simulator, and an interface for IoT applications.

PROGRAMMING PRACTICUM TUTOR, UNIVERSITY OF WASHINGTON, TACOMA WA — 10/2016-4/2017

Tutored CS students in the lab, providing guidance and support for medium scale projects in Java.

SOFTWARE ENGINEERING INTERN, COMCAST TECHNOLOGY SOLUTIONS, SEATTLE WA — 6/2016-9/2016

Created production level samples for video player SDKs that supported browser, iOS, and Android. Wrote a modular utility for the iOS SDK that added loading flexibility to an existing player.

LEAD DEVELOPER, LUCID DATA MANAGEMENT SERVICES, ANCHORAGE AK — 1/2014-6/2017

Developed and supported a robust and responsive web presence for small businesses. Wrote a bluetooth GPS service for tagging wildlife. Integrated an enterprise level web store to point of sale and booking systems.

Skills:

TypeScript, JavaScript, NPM, Git, Node, HTML, CSS, Java, Python, Bash, Swift, iOS, Android, Agile, Kanban, MVC, OOP, SQL, NoSQL, Functional Programming.

Activities and Interests:

Music, skiing, coding, traveling, gaming, sports, camping, hiking, biking, photography, aviation.