MAX SMILEY

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EXPERIENCE

Riot Games Bellevue WA, 2020-Present
Staff Software Engineer VALORANT Store Team

Full stack Tech Lead, set technical direction and mentor a team of 8 engineers. Architect and oversee development of multi-month features. Build systems that handle player purchase and inventory, demand constant up-time, and serve millions of players daily across the world. Collaborate with production and design to discover feature targets and breakdown work into road maps. Drive cross-team craft and processes.

Microsoft Redmond WA, 2014-2020
Senior Software Engineer UST Dynamics Fraud Protection

Worked in both Supply Chain Services and Universal Store Team, created cloud-based and full stack solutions for shop floor controllers and applied machine learning. Coordinated directly with customers to develop fully featured front end interfaces.

Responsible for mentoring and on-boarding FTEs and interns. Lead small team in building new service portal for provisioning credit to customers. Owned the provisioning pipeline for resource creation and contributed to New Orleans stack for merchant services.

Tufts University Medford MA, 2010-2016
Research Assistant Dept of Computer Science

Research with Professor Michael Levin, Director of Tufts Center for Regenerative and Developmental Biology; and Professor Matthias Scheutz, Director of Tufts Human Robotic Interaction Lab. Studied computational modeling and analysis of biomechanics in organic tissue regeneration. Built a distributed agent-based simulation for use in several published research projects.

EDUCATION

University of Washington Seattle WA, 2016-2020
Computer Science and Engineering Magna Cum Laude

University of Washington Medford MA, 2010-2014
Computer Science, Cognitive and Brain Science Magna Cum Laude, Highest Honor in Thesis

PUBLICATIONS

Dynamic Structure Discovery and Monitoring for Self-Healing 3D Forms
Ferrira G., Smiley M., Scheutz M., & Levin M. (2016, July 4) ALIFE XV 2016, Cancun Mexico.

Computational models of distributed morphological representations and regenation
Smiley, M. (2014, May) Tufts University