

# ANGUS LIN

Senior Software Engineer with 6+ years of experience delivering enterprise-scale cloud solutions

Seattle, WA

206 -512-4357

angus.a.lin@gmail.com

## Experience

---

### Senior Software Engineer | Microsoft (*Hybrid Connectivity*)

Redmond, WA | **Sep 2023–Present**

- Led a team of 4 to develop a cloud-to-on-premises connectivity automation platform using C#, .NET, Azure Functions, and Azure SQL DB; implemented multi-step orchestration to apply policies on Azure Firewalls and Network Security Groups, enabling 2,500+ network connections monthly, eliminating manual configuration, and reducing provisioning time by 2–3 days.
- Led an Infrastructure as Code (IaC) modernization of Virtual Machine deployments by migrating JSON ARM templates to secure-by-default BICEP Template Specs. Enforced lease-privilege deployments for 1,100+ users and eliminated all security remediation work to reduce deployment time by ~50%. Presented to Nestlé and published on Microsoft's Inside Track blog.

### Software Engineer II | Microsoft (*Cloud Engineering*)

Redmond, WA | **Aug 2020–Sep 2023**

- Led frontend development for a React web application enabling large-scale data transfers (50GB+) for Microsoft and partners such as Xbox Game Studios. Delivered features to reduce end-to-end transfer times from days to minutes, enable authorization control across 550+ storage containers, and automate manual processes to save 300+ engineering hours annually.
- Developed a compliance dashboard for 7+ Microsoft divisions (including Finance, Legal, and HR) to visualize Azure security standards across 2,300+ subscriptions, using React, .NET, and Azure APIs. Eliminated 95% of manual support effort for compliance diagnostics, improving security visibility and operational efficiency at scale.

### Software Engineer Intern - Bloomberg LP (*Multi-Asset Viewer*)

New York, NY | **Jan 2019–Apr 2019**

- Developed a collaborative filtering-based recommender in Python and JavaScript for Bloomberg's portfolio management tool that enables clients to visualize financial data in Excel-like worksheets. Improved usability by recommending personalized columns based on similar client workflows, and delivered a proof of concept that sparked cross-team collaboration toward a general-purpose recommendation system. Production launch was planned for 100K+ clients.

### Software Engineer Intern - TripAdvisor (*Find and Discover*)

Ottawa, Canada | **May 2018–Dec 2018**

- Developed Nearby Search and Rescue Search features for TripAdvisor's desktop landing page using JavaScript, mirroring mobile behavior to provide scoped results (e.g., nearby hotels, activities) and enable seamless switching to unscoped search for a continuous browsing experience, driving ~25K new daily users post-launch.

### Software Engineer Intern - Intel Corporation (*Programmable Solutions Group*)

Toronto, Canada | **Jan 2015–May 2015**

- Led a compile-time reduction initiative for Intel's Quartus C++ codebase with hundreds of thousands of lines by building a Python service leveraging a reverse-dependency tool to identify high-impact headers and publishing the results as a JavaScript dashboard adopted by 300+ engineers. Guided header refactoring to isolate rarely used but widely included sections from frequently modified code, reducing transitive includes and cutting ~5 hours off a pilot subsystem rebuild.

## Education

---

### Bachelor of Applied Science, Computer Engineering - University of Toronto

Toronto, Canada | **Sep 2015–May 2020**

- CGPA: 3.79; Dean's Honors List; Faculty Scholarship; Undergraduate Research Award
- **Hardware Research Intern** - University of British Columbia: Evaluated high-level synthesis bottlenecks, sponsored for ISCA 2016
- **Director of Business Strategy and Development** - You're Next Career Network: Led 10 member team, managed 20+ partnerships, generated ~\$20K revenue; Grew Startup Career Fair to Canada's largest: 91 startups, 3K+ students.