


ALI VIRA

SYSTEMS DESIGN ENGINEERING

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 [alivira](https://github.com/alivira)

Experience

Program Manager 2017 - Present
Microsoft Azure, Availability Redmond, WA

Identified top worldwide VM downtime drivers and led cross-org efforts across hardware and software stacks to **improve Azure-wide unplanned reboot rate by 72%**

Managed and resolved **multi-million dollar customer escalations** including global VM availability and performance crises

Leveraged machine learning to identify and diagnose emerging and ongoing issues **improving detection and resolution time by 70%**

Led org-wide Work-Life Balance and Culture workstreams to improve inclusion, productivity, and morale

Program Manager 2015 - 2016
Microsoft Azure, Deployment Redmond, WA

Designed product specifications, mockups, and implemented Azure deployment metric pipelines **used internally by over 200 services**

Worked cross-team to design, code, and implement automated deployment extensions for Visual Studio, Azure Portal, and Jenkins

Co-founded a **30-member intern team** to overhaul Microsoft sustainability initiatives

Product Manager Winter 2016
Complete Solar San Mateo, CA

Planned and designed installation tracker system **increasing online user adoption by 80%**

Created and managed end-to-end automated customer engagement program resulting in a **25% click-through rate**

Coded solar installation locator page and email campaign **boosting site traffic by 40%**

Product Developer 2013 - 2014
NexJ Systems Toronto, Canada

Researched, designed UI/UX, and generated product specifications for an e-prescribing feature projected to **increase revenue by \$2,000,000**

Conducted market analysis leading to partnerships, strategies, and new features

Audited existing processes, implementing changes to **save 2,400 hours yearly**

Skills

Product management, business analysis, machine learning, optimization, UI/UX design

Languages: C++, Java, SQL, MATLAB

Web: HTML, CSS, JavaScript, jQuery

Graphics: InDesign, Photoshop, Illustrator

Education

BASc in Systems Design Engineering with Distinction, University of Waterloo 2017

Mechanical and Aerospace Engineering Exchange Term, NTU Singapore 2016

Projects

Hack The North: Fruit Salad

Distributed cloud computing platform that exchanges computing power for internet access

GLHF Magazine

Founded and managed the largest eSports magazine in the world with over 1,000,000 reads

Contour

A service and browser extension that captures a user's body measurements for online shopping

KeyPosture

A product that monitors and optimizes a pianist's form in real-time to reduce injury

Activities

Microsoft Intern Leader, Director (2018 - 2019)

Waterloo Academic Representative (2014 - 2017)

Microsatellite Team Business Lead (2014 - 2015)

Orientation Leader, Director (2013 - 2014)

Accomplishments

2nd place National Eng. Debates (2017)

1st place Ontario Eng. Debates (2017)

Microsoft Intern Ambassador (2016, 2017)

1st place Waterloo Eng. Debates (2015, 2016)

Top 10% of Class (2014)

NexJ Co-op of the Year (2013, 2014)

Sanford Fleming Jr. Design Award (2013, 2014)