





# ALI VIRA

## SYSTEMS DESIGN ENGINEERING

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 alivira

## EXPERIENCE

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### Program Manager

Microsoft

Redmond, WA

Worked cross-team to design, code, and onboard services to infrastructure extensions for Visual Studio, Portal, and Jenkins

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

Identified services and led onboarding efforts to move Bing, DocumentDB, and Skype onto Express v2 deployment infrastructure

### Program Manager

Microsoft

Redmond, WA

Designed product specifications, mockups, and implemented Azure deployment metric pipelines used internally by over 200 services including Skype, Dynamics, and Office 365

Extended Express v2 deployment infrastructure to work with Azure Web Apps and Virtual Machine Scale Sets

Conducted feasibility analyses and generated strategic plans for new features and feature extensions

### Product Manager

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%

Led production team to create live sales dashboard

### Product Developer

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

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Project management

Business analysis

Organizational and time management

UI/UX design

Machine learning, optimization

Languages: C++, Java, SQL, MATLAB

Web: HTML, CSS, JavaScript, jQuery

Graphics: InDesign, Photoshop, Illustrator

## PERSONAL

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### Hack The North: Fruit Salad

A distributed cloud computing platform that lets users exchange computing power for free internet access

### GLHF Magazine

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

### Contour

A service that uses image recognition to capture a user's body measurements for online shopping

## ACTIVITIES

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Theatrics Director

8/2014 — 12/2014

Waterloo Orientation

Business Lead

1/2014 — Present

Microsatellite Team

Academic Rep.

1/2014 — Present

SYDE Class of 2017

## ACCOMPLISHMENTS

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Singapore Engineering Exchange (2016)

1st place Waterloo Eng. Debate (2015)

Top 10% of class (2014)

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

Sandford Fleming Junior Design Competition Award (2013, 2014)