

# Omar Alkaales

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## SKILLS

- Java/Java Servlets
- JavaScript/Nodejs
- C/C++
- HTML/CSS
- React
- Jest/Enzyme
- Redis
- Kubernetes
- Docker
- Helm
- CI/CD
- GDB
- Unix/Linux
- Git

## TECHNOLOGY

- Active Directory  
Domain Services, File  
Server in Windows  
Server 2008 R2
- Networking devices:  
Cisco, Juniper, Net-gear  
and MacroTek

## CERTIFICATIONS

- Microsoft Certified IT  
Professional "MCITP"
- Cisco Certified Network  
Associate" CCNA  
Security"
- Cisco Certified Entry  
Networking Technician  
"CCENT"

## EDUCATION

### B. S. Computer Engineering | University of Washington – Seattle, WA

Fall 2018 - Present

GPA: 3.7

Expected Graduation: December 2020

### A.S. Engineering Track II | Bellevue College – Bellevue, WA

Jan 2017- June 2018

GPA: 3.95

## WORK EXPERIENCE

### Software Engineer – Intern | Amazon Web Services

July 2020 – Sep 2020

- Designed and developed instrumentation library for Lambda internal services using Java
- Reached consensus among four teams and solved project design ambiguity
- Instrumentation library records data stores state changes to be used by other teams
- Implemented API Tracing library which traces requests to track request's multiple data accesses. This second library was a stretch goal for the internship project.
- Used different Java frameworks to implement design patterns like Dependency Injection and to write unit tests and integration tests.

### Software Engineer - Intern | SAP Concur Technologies

June 2019 – June 2020

- Designed and developed a new feature for SMS service to handle opt-in/opt-out keywords
- Designed and developed a user interface for template service using React.js
- UI helped other concur dev teams writing templates 40% faster than the legacy system
- Created new service API endpoint to integrate template service with the user interface
- Wrote unit tests and integration tests
- Wrote automated deployment scripts to deploy the app to Kubernetes.
- Technologies: Node.js, React.js, express.js, Redis, jest.js, Docker, CircleCI, Helm, AWS: EKS, SQS, DynamoDB

### Computer Science Lab Assistant | Paul G. Allen School – University of Washington

Dec 2018 – June 2019

- Provide technical support to CSE dept. faculty, staff and students
- Build and deploy Windows PC's images, maintained over network image access
- Troubleshoot software, hardware, networking problems

### IT Specialist | Norwegian Refugee Council

Jan 2011 – March 2016

- Designed, deployed, configured and maintained LAN/WAN networks
- Led a team of 3 technical staff members and served as country IT focal point
- Administered off-site helpdesk support to network users and managed database connections to a central server

## PERSONAL PROJECTS

- **HangMan Game** – Used JSP, Java, and Java Servlets to implement the game with a dynamic web interface