



# Denis Gavriloff

Seattle, WA

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## EDUCATION

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### Bachelor of Science, Computer Science

*Expected June 2026*

University of Washington

Seattle, WA

## PROFESSIONAL EXPERIENCE

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### Associate Intern

*Jun 2025 – Sep 2025*

Amazon Web Services (AWS) | Seattle, WA

- Built Metadata Mogul, a serverless application using Lambda, Step Functions, S3, DynamoDB, API Gateway, and CloudFormation
- Earned 3 AWS certifications during the internship, including the Solutions Architect – Professional

### Python Software Development Student (Skillbridge Intern)

*Jul 2023 – Jan 2024*

Allegiant Giving | Remote

- Completed an intensive software development training program as part of a military career transition initiative
- Developed proficiency in Python, JavaScript, and related frameworks through hands-on projects and coursework
- Gained practical experience in remote collaboration, version control, and modern development workflows

### Data Systems Administrator (0671, Primary)

*Sep 2020 – Jan 2024*

United States Marine Corps | San Diego, CA

- Managed and maintained computer networks, servers, and data systems supporting operational units and administrative functions
- Configured and administered Windows Server environments, Active Directory, and network infrastructure including switches, routers, and firewalls
- Implemented cybersecurity measures and ensured compliance with military IT security standards and protocols
- Provided technical support and training to end users, troubleshooting hardware and software issues across multiple systems

### Combat Marksmanship Trainer (0931, Secondary)

*Mar 2021 – Jan 2024*

United States Marine Corps | San Diego, CA

- Instructed Marines in the fundamentals of marksmanship, weapons handling, and maintenance of the M16A4 service rifle and M9 pistol
- Analyzed and addressed the difficulties of individual shooters during both dry and live-fire exercises
- Assisted in the operation of firing ranges, including planning training events and ensuring safety protocols were followed

# PROJECTS

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## Breakoutpad

[breakoutpad.com](https://breakoutpad.com)

- Built a Zoom companion app featuring live lecture transcription, real-time collaborative workspaces, and AI-powered instructor dashboards for breakout rooms
- Developed with Flutter and Serverpod for a cross-platform full-stack solution, integrating Gemini for AI features

## The Fitting Room

[thefittingroom.fyi](https://thefittingroom.fyi)

- Developed a virtual try-on iOS app that builds a digital twin from a user's photo to visualize how clothes fit before purchasing
- Built with React and Node.js, leveraging AI for body modeling and garment overlay

## QuickMaths

[quickmaths.dev](https://quickmaths.dev)

- Created a fast-paced mental math training app for sharpening arithmetic skills with gamification elements
- Built with React and TypeScript, featuring timed challenges and progressive difficulty

## TaskPledge

[taskpledge.app](https://taskpledge.app)

- Built a task commitment platform with Stripe payment integration, React Query for data management, and Supabase backend
- Full-stack Next.js application with real-time updates and user authentication

## Children's Speech ASR

*DrivenData Competition*

- Building a phonetic ASR system with WavLM + CTC to transcribe children's speech into IPA for a DrivenData competition
- Fine-tuning Nvidia Parakeet TDT 0.6B on children's speech for word-level ASR using NeMo

# LICENSES & CERTIFICATIONS

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## AWS Certified Solutions Architect – Professional

Issued: Aug 2025, Expires: Aug 2028 | [verify](#)

## AWS Certified AI Practitioner

Issued: Aug 2025, Expires: Aug 2028 | [verify](#)

## AWS Certified Solutions Architect – Associate

Issued: Jul 2025, Expires: Jul 2028 | [verify](#)

# TECHNICAL SKILLS

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## Programming Languages

JavaScript   TypeScript   Python   Dart   Java

## Frameworks & Libraries

React   Next.js   React Native   Flutter   Express.js  
Serverpod   NeMo

## Cloud & DevOps

AWS   Lambda   SageMaker   CloudFormation  
DynamoDB   S3   Supabase   Firebase

## Specializations

Machine Learning   ASR / Speech   LLMOps  
Solution Architecture   Cloud Computing   Serverless