Raymond “Buck” Bukaty

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Education

Stanford University – *B.S. with distinction in Computer Science, June 2020.*
Coursework – Principles of Computer Systems ▪ AI: Principles and Techniques
Introduction to Computer Networking ▪ Data Management and Data Systems
Convolutional Neural Networks ▪ Introduction to Natural Language Processing

Work Experience

Atlassian – Engineering Senior Associate (Mountain View, CA) *Jul 2021 – Dec 2021*

- Joined as a New Grad Software Engineer and was in the minority of my cohort to be promoted to Engineering Senior Associate in the first eligible promotion cycle.
- Member of Confluence Beyond team, responsible for ensuring that Confluence's permissions and identity systems could scale to support the company's ambitious growth goals.
- Tasks varied from substantial infrastructure changes within the legacy "Monolith" codebase, to the development of standalone Java microservices using the Spring WebFlux stack.
- Gained proficiency with various DevOps tools: Splunk, SignalFX, AWS CloudWatch, and others, including internal tools.

Atlassian – Software Development Intern (Mountain View, CA) *Summer 2019*

- Updated Confluence codebase to query user time zone and language preferences from a new Identity service, allowing for the unification of these settings across Atlassian’s product suite.
- Developed uncompromising solutions to the challenges of a legacy codebase, and modernized tests to ensure continued code coverage.
- Became proficient with the “reactive programming” paradigm and worked on a new Java microservice built with the Spring WebFlux application stack.

Stanford Vision and Learning Lab – Research Intern (Stanford, CA) *Summer 2018*

- Interned with Ranjay Krishna in lab of esteemed AI Research Director Fei-Fei Li, contributing to the Engagement Learning project.
- Implemented, gathered data for, and trained convolutional neural network models for filtering unusable images from the system’s social media uptake.
- Performed crowd-sourced experiments to validate the efficacy of a “question informativeness” metric, a novel research contribution intended to gauge the value of a question-answer pair for computer vision algorithms.

Skills

Java ▪ **Python** (NumPy, PyTorch) ▪ **JavaScript** (React) ▪ SQL ▪ C++ ▪ Git

- Excellent interpersonal and technical communication skills which foster trust and knowledge sharing within teams I work on.
- For fun: Game and VR development in Unity (C#), generative art with Processing+Axidraw, music production in FL Studio 12, and juggling.