#### **Thesis Portfolio**

## Corporate Culture: Common Intern Struggles Working in Software Engineering (Technical Paper)

# The Acceleration of Technology and its Impact on the Technology Workforce (STS Paper)

An Undergraduate Thesis

Presented to the Faculty of the School of Engineering and Applied Science
University of Virginia • Charlottesville, Virginia

In Fulfillment of the Requirements for the Degree Bachelor of Science, School of Engineering

> Andrew Fu Spring, 2023

Department of Computer Science

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### Sociotechnical Synthesis

The following STS research paper and technical paper discuss the current state of the software development industry and are tightly coupled. The STS research paper explores external factors, such as social, economic, and technological factors that impact the future of software development and the effects on workers. It details how the current growth of technology negatively impacts workers in the technology industry and ways to resolve this problem. On the other hand, the technical paper discusses a personal experience during an internship in software development and describes personal success along with advice for others.