**Zefeng (Daniel) Wang**

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**EDUCATION**

**Northeastern University** **Boston, MA**

*Bachelor of Science, Computer Science & Business Administration (Finance)* April 2022

*Minor in Mathematics*

**GPA:** 3.81/4.00

**Relevant Courses:** Algorithms and Data, Machine Learning in Finance, Entrepreneurial Finance, Strategy in Action

**Honors and Awards:** Dean’s List, International Scholar, Top 10/Best Rookie Award at Hack Beanpot 2019

**EXPERIENCE**

**Tesla** *Palo Alto, CA*

***Software Engineering Intern*** *September – December 2021*

* Enhanced observability for multiple microservices (Golang, Python) by implementing distributed tracing with Sentry to identify bottlenecks resulting in significant (>50%) decreases in p95 run time
* Reduced friction in developer experience by implementing Tilt and Helm charts to run app in local K8s cluster
* Migrated from RabbitMQ to Kafka to improve scalability and reduce downtime for user-facing applications

**Goldman Sachs** *New York City, NY*

***Engineering Summer Analyst*** *June – August 2021*

* Productionized financial reporting program and conducted user acceptance testing with product owner
* Revamped API queries to ensure data is highly available using internal modelling/functional language (PURE)
* Reduced complexity for calculator program (IgnitePad) to decrease flakiness and improve speed by 30%

**Intuit** *Mountain View, CA*

***Software Developer Co-op*** *May – December 2020*

* Developing in Java and Go to improve internal metrics on the Observability team for QuickBooks Online
* Used Micrometer and Hystrix to create filter to improve readability of metrics and remove redundant data
* Leveraging Terraform to manage Kubernetes services and enforce “Infrastructure as Code” practices
* Creating parser in Golang to concurrently identify configuration properties in JSON/YAML files

**BusRight Inc.** *Boston, MA*

***Backend Web Engineer*** *November 2019 – November 2020*

* Improved web API by adding new features, enforcing test-driven development, and increasing efficiency
* Migrated codebase from JavaScript to Typescript to ensure code reliability and reduce technical debt
* Developed password reset process for users by adding endpoints to get info from Firebase & email via SendGrid
* Added persistent notifications by developing endpoints to get/send notifications to new collections in Firebase

**ACTIVITIES**

**Northeastern University** *Boston, MA*

***Teaching Assistant*** *January 2021 - Present*

* Facilitated learning (>500 students) by providing clarification about content and assignments for two courses
* Provided clear feedback and graded assignments/tests in timely manner to assist professors

**Sandbox at Northeastern** *Boston, MA*

***Project Lead, Full Stack Developer*** *September 2019 - Present*

* Led team of five to build web-based game application for research client used in study with >200 participants
* Created multiple applications, including mobile app used in memory study and web app with > 50,000 users

**HackBeanpot Inc** *Boston, MA*

***Core Team – Sponsorship, Tech*** *May 2019 – Present*

* Organized annual hackathon for ~200 students, raising >$20,000 and improving technical infrastructure
* Led team in revamping judging system to be more holistic by fixing scheduling algorithm and user-facing website

**ADDITIONAL INFORMATION**

* **Technical Skills:** Docker/Kubernetes, Git(hub), Java, JavaScript (NodeJS, React), Observability, Python, Unix
* **Languages:** English (fluent), Mandarin Chinese (fluent)
* **Interests:** Crosswords, Ice Hockey, Sneakers