Vasil Zhigilei

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EDUCATION

University of Virginia (UVA), Charlottesville, VA | B.S. in Computer Science
Anticipated Graduation Date: May 2022 | GPA 3.55 | Major GPA 3.96

INTERNSHIPS & WORK EXPERIENCE

Cvent– Software Engineering Intern   June, 2021 – July, 2021
- Developed React.js components for Cvent's redesigned venue sourcing portal.
- Brought InVision-designed emails to fruition, implemented backend email services in Java, and used Postman and Rabbitmq in testing.
- Successfully adopted agile methodology, participating in sprints and scrum ceremonies.
- Reduced team sprint workload by taking on additional tasks assigned to teammates.

RingCentral – Technical Product Management Intern   June, 2020 – August, 2020
- Presented competitive analysis and prioritization recommendation to an audience consisting of SVP of Contact Center, VP of Platform, senior PMs and SEs.
- Worked for the platform team on RingCentral's CCaaS solution, Engage Voice.
- Quickly developed key product management skills, processes, and deliverables.
- Built and delivered a wide breadth of in-depth competitive analyses and recommended roadmap based on identified gaps and use cases.
- Led a team of nine other interns in the annual company "Shark Tank" competition, and developed strong cross-functional team leadership skills as the team lead.

University of Virginia Computer Science – Research Intern   May, 2019 – November, 2019
- Finalized the Treeminer CUDA implementation for the Rodinia Benchmark Suite, the most widely-used GPGPU benchmark suite in the world.
- Independently and efficiently grasped C++/CUDA. Attained practical experience with GPU programming and algorithms.

University of Virginia – Teaching Assistant   August, 2018 – May, 2021
- Led labs, graded exams and homework, and provided office hours for introductory courses in Python. Only teaching assistant for the course to be hired their first semester at UVA.

PERSONAL PROJECTS

ReferralRoulette.com – Cloudflare CDN, Azure Storage, Google Analytics
- The fair referral link sharing service. Referral links are selected from a random user each time.

MicroDollars – Django, PayPal API, HTML/CSS/JS, Bootstrap
- Team-based semester long project. Micro-donation platform for charities and NPOs.

Distri – Flask, Websockets (Socket.IO, Flask-SocketIO), jQuery
- Quick & lightweight distributed computing service. Programmatic & browser GUI clients.

LiftLogger – Golang, Gorilla/mux, PostgreSQL, Redis, Google OAuth 2.0
- Weightlifting logging website. Dynamically view data for any rep range (mobile friendly).

SpanishDefine.com – PHP, MySQL
- Conjugation tool to simultaneously conjugate entire lists of verbs in multiple forms.

SmartRoom – Python, OpenCV, Selenium, Multi-Threading
- Facial recognition software to automatically unlock my dorm room door. Multi-threaded.

Additional experience – AWS (EC2, Lambda, S3, RDS, DynamoDB, SageMaker, Rekognition, IoT), Docker, Jupyter Notebook, Google Colab, AI to play "Ticket to Ride".