

Jordan Colby Cox

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PROFESSIONAL SUMMARY

Full-stack software engineer with 3+ years of full-time experience, **working professionally in the industry since senior year of high school**. Specialized in building products & features from ideation to production deployment.

WORK EXPERIENCE

Software Engineer, Jane Technologies

Dec 2020 - Present

- Independently managed and engineered product catalog management system, enabling catalog managers to surpass 2021 goals by end of Q3 (Python, Flask, React)
- Developed time-critical product features for vital customers, such as self-service subdomain menus, Google Analytics E-Commerce integration, & abandoned cart email notifications (Ruby, Rails, React, Cloudflare)
- Migrated ad-tech codebase from Rails monolith to Go microservices (Go, gRPC)

Software Engineer, Gordian Software (YC W19)

Apr 2020 - Nov 2020

- Developed API that enabled customers to query flights from dozens of airlines with one HTTP request (Python, Flask)
- Decreased load time of JavaScript airplane seat map by over 35% (React)

Software Engineer, Amino Payments (acquired by Integral Ad Science)

May 2017 – Aug 2018

- Converted from intern to full-time in July 2017; took a year-long leave of absence from Penn
- Created intermediary payments system for ad-tech ecosystem, instrumental in raising \$4M from First Round Capital (Apache Kafka, Java, Python)
- Codeveloped UI used by brands such as AT&T that leveraged custom data visualizations to illustrate ad fraud (React, D3.js)

Software Engineering Intern, Interapt

Nov 2015 – Aug 2016

- Co-developed client-facing content management system while a senior in high school (Angular 2)

SKILLS

Programming Languages: Python, Node, Go, Ruby, Elixir, Java, React

Technologies: Apache Kafka, Apache Samza, Apache Flink, gRPC, AWS, Docker, Flask, Rails

EDUCATION

University of Pennsylvania, B.A., East Asian Languages & Civilizations

Aug 2016 – May 2021

- Programming & Data Structures, Computing Systems, Discrete Math, Multi-Variable Calculus, Data Ethics

Princeton University, Princeton in Beijing, Chinese Immersion Program

Jun 2019 – Aug 2019

- Received 4 semesters worth of Chinese credit after studying in Beijing for 8 weeks
- U.S Department of Education Foreign Language & Area Studies Fellow (\$7,500 stipend)

PROJECTS

[Home Air Quality Monitoring](#)

Nov 2021 - Present

- Developed Raspberry Pi programs for recording air quality metrics and visualizing data in Grafana
- Began series of articles sharing how and why one should act on these insights, such as impacts on mental health

[Zegmento: A Multi-Modal Travel Search Engine](#)

Jan 2018 – Aug 2018

- Developed travel search engine that calculated cheapest routes by combining flights, busses, ride-share, & public transit

[Tik Tak: Yik Yak With Better Moderation](#)

Jun 2017 – Dec 2017

- Engineered and released iOS and Android apps for an improved version of Yik Yak, used by over 500 at Penn
- Implemented human-based moderation and machine-based sentiment analysis to mitigate unruly content