Darius Liddell

✉ **djtrack16@gmail.com**   ☎ **+16509061892**   in **LinkedIn**   ○ **Github**

Previous role	Senior Software Engineer at CareRev
Experience	Healthcare, Data storage, Big data, Marketing, Dating, Networking, Telecommunications
Technologies	JavaScript, Redis, Postgres, Heroku, Rspec, Ruby on Rails, Datadog, AWS, Elasticsearch, Ruby, DynamoDB, Python, Java, C

The most impactful thing I've worked on is…
that I solely built a product that would allow nurses to accept shift bundles (i.e. 2 shifts/week for 2 weeks) instead of single shifts (i.e. 48 shifts individually), creating over $50M in revenue.

Work experience

Senior Software Engineer, CareRev ▦   Aug 2020 - Jun 2023 (2y 10m)

The on-demand workforce platform for nursing
Healthcare

JavaScript   Redis   Postgres   Heroku   Rspec   Ruby on Rails   Datadog

- Led a team of engineers as the Lead Backend Engineer.
- Joined an 8-engineer startup to over 100 engineers within 2 years.
- Single-handedly developed a new $50M annual revenue business line from scratch.
- Promoted to Senior position in April 2022 after starting as a Mid-level engineer.
- Participated in on-call rotation every 30-60 days using PagerDuty.
- Successfully reduced nurses' waitlist rate for shifts.
- Optimized external APIs, decreasing nurse license verification time from 60 days to under 10 seconds.

Winemaker, Self-employed ▦   May 2018 - Dec 2019 (1y 7m)

- Worked in vineyards/cellars of natural and organic winemaking in France, Georgia, Hungary, Slovenia, and Serbia

Software Engineer, Spokeo ▦   Apr 2015 - Apr 2018 (3y)

People search engine that aggregates offline and online data
Data storage · Big data · Marketing · Dating

AWS   Elasticsearch   Ruby   Ruby on Rails   DynamoDB

- Developed Ruby/Rails backend on a small agile team for a people search engine serving millions of daily unique users.
- Enhanced performance by optimizing ElasticSearch queries and conducting end-to-end testing.
- Processed over 10 billion records to generate a comprehensive SEO report.
- Improved performance (in time and space) and readability by over 50% through architecture and style refactor using Rubocop.

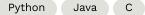**Volunteer, WWOOF Italy/Bulgaria/Turkey (Worldwide Opportunities on Organic Farms)** 🗓 Jan 2014 - Aug 2014 (7m)

- Worked with organic farmers and restaurant owners in Italy, Bulgaria, and Turkey
- Gained knowledge in sustainable farming, beekeeping, and self-sufficient agriculture from farm to table
- Identified and cultivated over 30 crop varieties and learned to recognize 20 wild edible plants

Technical Support Engineer, Cisco Systems 🗓 Jul 2011 - Jul 2013 (2y)

Networking · Telecommunications

Python   Java   C

- Resolved intricate network issues by adopting a detailed architectural approach and breaking them down into manageable components through direct user interaction.
- Provided support to a maximum of 100 global clients concurrently.
- Managed various challenges including software crashes, high CPU/latency, memory corruption/leaks, dropped packets, among others.
- Conducted training sessions for Java and Python courses.
- Achieved certification as Cisco Certified Network Associate (CCNA).

Quality Assurance Engineer, File Maker, Inc. 🗓 Jun 2010 - Oct 2010 (4m)

- Evaluated SQL performance tools to decrease access time and increase throughput.
- Performed static analysis of Java codebase, along with unit testing.

Software Engineer, Cisco Systems, Inc 🗓 Jun 2009 - Sep 2009 (3m)

- Developed a script in Perl for Cisco Defect Enhancement Tracking Tool (CDETS).
- Utilized the Cisco Wiki to build a graphing tool for analyzing the growth of bugs for various products within the company.

Education

Stanford University Jan 2007 - Jan 2011 (4y)

Bachelor, Computer Science

More about me

I want to work for a company that...

has a culture of autonomy, mentorship, transparency, personal and professional growth

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Right now I'm learning...

Haskell, functional programming abstractions, and cool Math/CS stuff I wish I had learned in university

Outside of work I...

compulsively read, travel and curate my Spotify.

I prefer thinking about problems that are...

fun from a mathematical point of view or require an almost impractical degree of abstraction. First principles of computer science and the exact sciences also interest me.

Interests

Non-technical stuff: Cycling, Basketball, Nature photography, Writing

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Technical stuff: Functional Programming, Pure Mathematics, Theoretical CS, Philosophy of Science, Philosophy of Mathematics