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Felix Weinberger

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Strong: Javascript, Typescript, Node.js, Express, React, Redux, MongoDB, HTML, CSS, Git, Stata
Experienced: Python, SQL, Docker, Mocha, Chai, Alteryx, Tableau, VBA, Access, TeX, CI, TDD

Experience

Software Engineer | Endeavor Streaming London, UK | 06.2019 – present

- Currently on the Mobile & TV team building the apps powering the streaming services of major sports leagues
- Designed and built auto-play feature from scratch, enabling improved UX through continuous video streaming
- Implemented end-to-end localisation for right-to-left languages including Arabic & Hebrew
- *Technologies: Typescript, Javascript, Node.js, React, React Native, Redux*

Consultant | Bain & Company Munich, Germany | 09.2016 – 01.2019

- Promoted to Senior Associate Consultant in 09.2017 and to Consultant in 01.2019
- Leveraged panel data econometrics on performance data to inform business decisions impacting 250+ technical service teams at a major telco, contributing to ~80% improved adherence to customer appointments
- Led 2 client team members in building a new reporting tool in React & Node.js automating the work of ~5 FTE
- Gave regular lectures on using Alteryx & Tableau as a lead trainer for analytics tools at Bain Munich
- *Technologies: Javascript, React, Redux, Python, SQL, Stata, VBA, Alteryx, Tableau, Excel*

Emergency Medical Technician | Austrian Armed Forces Ried, Austria | 01.2016 – 07.2016

- Leveraged Python & SQL to design a new medical records database saving the team ~5h weekly
- Completed training as an Emergency Medical Technician with highest possible distinction

Summer Consultant | Oliver Wyman London, UK | 2015

Summer Analyst | Compass Lexecon London, UK | 2014

Summer Analyst | Frontier Economics Cologne, Germany | 2013

Student Economist | Government Economic Service London, UK | 2012

Projects

Vault | Multi-currency, offline-first expense tracking app for iOS and Android 02.2019 – present

- Designed application-specific FOREX API and conversion algorithm to enable multi-currency expense tracking
- Implemented entity-based Redux store to manage state through a pseudo-relational database on-device
- Employed Dropbox API to provide automated backups of expense data as a unique selling point for the app

BarQ.io | Real-time order management system for bars and pubs 02.2019 – present

- Designed architecture of core REST API and implemented real-time order queue connecting front and back-end
- Containerised core API using Docker to enable seamless collaboration between front and back-end teams
- Leveraged WebSockets to enable real-time communication between customers, bartenders and managers

BondAlgo | Trading signal detector 01.2018 – 06.2018

- Leveraged concurrency and web scraping to monitor prices of 4000+ assets on the Stuttgart Stock Exchange
- Deployed Python algorithm and achieved ~5% ROI over 6 months using a low-frequency investment strategy

Otrish Pipe Calculator | Mobile-first web-app for simplified pricing of steel pipes 09.2017 – 10.2017

- Decreased time to complete a proposal for Otrish customers by ~90% from ~3 hours to <15 minutes
- Currently position 3 on Google searches for "rohrrechner" (pipe calculator) in Germany and Austria

Education

London School of Economics | MSc Economics, Merit (69%) London, UK | 2014 – 2015

- Distinction for MSc thesis involving automated collection of gasoline price data over 6 months using Python
- GMAT: 770 (Q51, V44) - 99th percentile

University of Warwick | BSc Economics, First Class (78%) Coventry, UK | 2010 – 2014

- Invited to present BSc thesis in Financial Econometrics at *International Conference of Undergraduate Research*
- Ranked 6th of 211 students

Yew Chung International School | IB, 43/45 (99th percentile) Shanghai, China | 2008 – 2010

Awards, Languages & Interests

Awards: Deutsche Bank Prize for best student in Economics, Warwick Economics Department Prize

Languages: fluent German, English & Italian; conversational French, Spanish & Mandarin (HSK 3 in 2010)

Interests: investing (managing own portfolio since 2014), skiing (regularly for 20 years), MOOCs