




# Alexander Kroeger

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 [me@alexxkroeger.com](mailto:me@alexxkroeger.com)

Experience	<div><div><b>Teton Finance LLC</b> Nov 2021 - Present <i>Founder, Managing Member</i><ul style="list-style-type: none"><li>- Offering engineering/blockchain expertise to crypto projects, including:<ul style="list-style-type: none"><li>▸ Updating the Ethereum Yellow Paper with a grant from the <a href="#">Ethereum Foundation</a></li><li>▸ Acting as a Uniswap governance delegate on behalf of <a href="#">a16z</a></li><li>▸ Updating 0x's "starter-project" for their v4 contracts</li></ul></li></ul></div><div><b><a href="#">Phantom</a></b> Feb 2022 - May 2023 <i>Senior Backend Software Engineer</i> Jan '23 - May '23 <i>Backend Software Engineer</i> Feb '22 - Dec '22<ul style="list-style-type: none"><li>- Built the first backend services for Phantom to improve app performance and unlock new features</li><li>- Refactored the account history feature from one blockchain to multiple chains</li><li>- Tools used: Typescript, Terraform, AWS (DynamoDB, Lambda, SQS), Cloudflare Workers</li></ul></div><div><b><a href="#">andreessen horowitz (a16z)</a></b> Aug 2021 - Nov 2021 <i>Protocol Specialist</i><ul style="list-style-type: none"><li>- Engaged with governance for crypto protocols in a16z's portfolio, including Uniswap and Compound</li></ul></div><div><b><a href="#">0x</a></b> May 2019 - Aug 2021 <i>Software Engineer</i> Oct '20 - Aug '21<ul style="list-style-type: none"><li>- Built tools for professional market makers to provide liquidity to 0x API users</li><li>- Upgraded 0x smart contracts to decrease transaction fees for market makers</li><li>- Tools used: Typescript, Solidity, Postgres</li></ul></div><div><b><i>Data Scientist</i></b> May '19 - Oct '20<ul style="list-style-type: none"><li>- Built and maintained the data warehouse to enable analytics and external tools</li><li>- Analyzed and reported on data to set company goals, track key metrics, and provide input for strategic decision-making</li><li>- Tools used: Postgres (Amazon RDS), AWS EC2, Typescript, Python, Apache Airflow, Metabase</li></ul></div><div><b><a href="#">Coinbase</a></b> Feb 2018 - Apr 2019 <i>Data Scientist</i><ul style="list-style-type: none"><li>- Supported Coinbase Pro (the exchange product) by informing product decisions with data-driven analysis</li><li>- Created and maintained ETL processes for internal and external data sources</li></ul></div><div><b><a href="#">Analysis Group</a></b> Feb 2017 - Feb 2018 <i>Analyst</i><ul style="list-style-type: none"><li>- Supported academic and industry experts in litigation matters including corporate valuation and damages</li><li>- Tools used: SAS, Stata, R, Excel</li></ul></div><div><b><a href="#">Federal Reserve Bank of New York</a></b> June 2015 - Jan. 2017 <i>Money and Payment Studies Research Group; Research Analyst, Senior Research Analyst</i><ul style="list-style-type: none"><li>- Conducted short-term and long-term research related to payment and settlement systems</li><li>- Tools used: Stata, SAS, R, Python</li></ul></div></div>
Education	<b>University of Notre Dame</b> , Notre Dame, IN Bachelor of Business Administration, Double Major in Economics and Finance, May 2015 Honors Economics Thesis: <a href="#">Essays on Bitcoin</a>
Publications	See a full list of publications and talks <a href="#">here</a>
Skills	Programming Languages: <ul style="list-style-type: none"><li>- Advanced: Javascript/Typescript, SQL, Python</li><li>- Intermediate: Solidity, R</li><li>- Some familiarity: Bash, SAS, Stata</li></ul> Other: Terraform, $\LaTeX$ , Git
Interests	Open Water Swimming (via the <a href="#">Dolphin Club</a> ), <a href="#">Birding</a> , Backpacking, Kayaking, <a href="#">Chess</a> , Guitar, Bourbon