

Jake Glass

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EDUCATION

University of Michigan - College of Engineering

2012 - 2015

BSE in Computer Science, summa cum laude

Ann Arbor, MI

- Activities: Human-Powered Submarine Team, Wolverine Tutors, MHacks hackathons
- Deans List: 2012-2015

EXPERIENCE

Private Tutor

2016 - Present

Self-employed

based in Jackson, WY

- **Local Tutor** - Covered math, physics, and computer science classes and exam prep for ACT, SAT, and LSAT, students aged 12-24
- **Embedded Tutor** - Designed and taught personalized STEM curriculums, traveled with families throughout US, interfaced with students' schools
- **Contract Tutor** - Designed and led training as head ACT tutor at two boutique tutoring companies, Effective Educators (Chicago) and Teton Tutors (Jackson)
- Quickly adapted to changing education industry resulting from pandemic by establishing individualized approach and professional remote instruction

Calculus Teacher, half-time

2023 - Present

Jackson Hole Community School

Jackson, WY

- Designed curriculum for newly introduced courses in private high school
- Lectured and led discussion focused on building abstractions, not procedures
- Received offer to teach additional classes for future semesters, following exceptional student, peer, and supervisor feedback

Travel Hockey Head Coach, Oct - March

2021 - Present

Jackson Youth Hockey

Jackson, WY

- 40+ games per season throughout Mountain West, 3 practices per week, ages U13 and U15

Internships:

- **Copyright Licensing Researcher (2018) @ Free Software Foundation:** investigated software licenses' compatibility, audited Harvard Law School's copyright course
- **Software Engineer (2015) @ DV Trading (formerly Allston):** collaborated directly with commodities options traders to develop proprietary program capabilities
- **Software Engineer (2014) @ Apple:** programmed new email client product for Mac
- **Business Analyst (2013) @ Lessen (formerly SMS-Assist):** automated creation of periodic Excel reports illustrating company's revenue, contracts filled, and service disruptions

PROGRAMMING

Keep skills fresh through yearly programming projects:

- Data analysis
- Monte Carlo methods
- Web scraping
- AI generated math HW

PASSIONS

- Volunteer tutor at Detroit Public Schools and Teton Literacy Center
- Academic: digital copyright/privacy, discrete math, Georgist economics
- Recreation: hockey, tennis, skiing, card games, sailing