Brian C. Tracy

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Education	*B.S. Computer Science:* Brown University September 2017 - May 2021
	Key Courses: Systems Programming, Databases, Operating Systems, Software Exploitation, Programming Languages

Technical Skills

Programming Languages: C, Python, x86 assembly, Java, Swift, JavaScript, LISP
Operating Systems and Software: Linux, Git, SQLite, MongoDB

Experience

System Administrator   Fall 2019 -
Brown University Computer Science Department
- Our team manages roughly 80 computers on the department's network.
- Responsibilities include debugging filesystem issues, writing in-house software, and teaching students how to use the shell.

Software Engineer Intern   Summers (2) 2018, 2019
Blue Jeans Network
- Developed the company's flagship video conferencing software for the macOS platform. My work touched all layers of the application stack, including audio playback, rendering, business logic, and interactions with backend APIs.
- Focused very intensely on writing reliable and easily testable code. Added on the order of hundreds of tests to prevent regressions while constantly adding new features.
- Gained fluency with the tools (version control systems, issue trackers, . . .) required to be able to work intimately with a small team and to keep up with a fast release cycle.

Software Engineer Intern   Summers (3) 2014-16
Blue Jeans Network
- Contributed to a variety of projects including automated testing, web accessibility, and development of collaboration features.

Shipwright   Summer 2017
Samoset Boatworks
- Constructed a lobster boat as part of a small team. This kind of work requires a high level of communication and attention to detail.

Software

- I strive to make reliable and extremely well documented software. My projects include two iOS applications and a handful of command line applications that increase developer efficiency.

Leadership & Awards

- 'Mr. Viking' (2016) — Varsity soccer award given to the player who best represents the program.
- 'Andi Erzberger Award' (2017) — Award given to one student who shows promise in the fields of physics and education.

Misc

- LaTeX typesetting.
- Several years of experience with fine woodworking.
- Blues guitarist and drummer.