

Benton B. Wilson

bentonw414@gmail.com | bentonw.com | linkedin.com/in/bentonwilson | github.com/bentonw414 | Seattle, WA
Software engineer with experience delivering projects at a wide variety of companies. Enjoys working on challenging and interesting problems, and values well written, testable software solutions.

EDUCATION

Massachusetts Institute of Technology | Cambridge, MA
Bachelor of Science, Computer Science | Jun. 2021 | GPA: 4.9
Master of Engineering, Computer Science | Sept. 2022 | GPA: 5.0

Activities: Track and Field Varsity Athlete, NCAA All American Award Recipient (2017-2022)

Coursework: Performance Engineering, Database Systems, Algorithms, Machine Learning, Security Systems, Interconnected Embedded Systems

TECHNICAL SKILLS

TypeScript | Python | Hack | Java | C++ | JavaScript | GraphQL | Node.js | React | SQL | Git | Keras | Pandas | APIs

EXPERIENCE

Meta (formerly Facebook) | *Software Engineer* | Seattle, WA | Sept 2022 – Nov 2022

- Participated in 8 weeks of training for full-time engineers
- Rapidly onboarded to a variety of independent teams in order to complete various tasks, which included refactoring code, modernizing React components, implementing user facing Android features, and adding features to internal tools

Massachusetts Institute of Technology | *Teaching Assistant* | Cambridge, MA | Aug 2020 – Jun 2022

- Helped run the 200-person class “Elements of Software Construction,” a course aimed at juniors and seniors to teach how to write software that is easy to understand, safe from bugs, and ready for change
- Tested course materials, ran weekly office hours, helped students in class, and organized course logistics

Meta (formerly Facebook) | *Software Engineer Intern* | Remote | Jun 2021 – Aug 2021

- Implemented new workflow for verifying matches to misinformation content using URL metadata
- Wrote, tested, and integrated new API into existing infrastructure, working across three different codebases
- Built data pipeline for automating workflow based on precision/recall analysis
- Employed iterative development, focusing on writing unit and integration tests by partitioning input space before deploying code

Microsoft | *Software Engineer Intern* | Remote | Jun 2020 – Aug 2020

- Excel Online: implemented user-facing feature for connecting filters to pivot tables
- Worked with client, server, and interop code, including marshaling objects between code layers

Footbar | *Backend Engineer Intern* | Paris, France | Jun 2019 – Aug 2019

- Visualized accelerometer data from fitness trackers worn by soccer players using Python
- Created LSTM classification models for determining location of tracker on an athlete’s body
- Updated framework to allow for more specific labeling of tracker data; included modifying JSON outputs from the backend API
- Reported progress and provided feedback as part of a daily standup meeting

Thomson Reuters | *Data Science Intern* | Boston, MA | Jan 2019 – Feb 2019

- Developed binary classification models in order to automate annotation process of legal documents
- Used TFIDF, Bag of Words, Word Embeddings, and other methods to featurize input data

PROJECTS

- Google Docs backed travel site | bentonw.com/europe-post | **Python, Hugo, JavaScript, Netlify**
- LightShow package for creating shows (thesis deliverable) | bentonw.com/lightshow | **Python, Three.js**
- USA prison population web visualization | bentonw.com/859-proj | **D3.js, JavaScript**
- Database optimization performance competition | bentonw.com/db-comp | **C++, SQL**
- Iterative path tracing renderer application | bentonw.com/path-trace | **C++, OpenGL**