



Tim Gladyshev

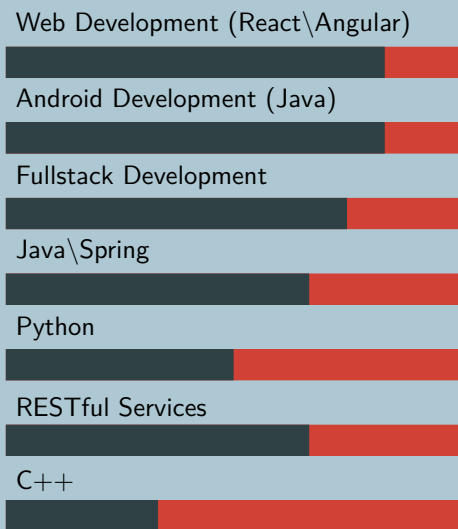
Software Developer

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About me

Recent MSCS graduate interested in the design and development of modern web and fullstack applications. Looking to leverage curiosity, creativity and experience to continue building my skillset through a software developer position.

Skills



Other Skills

- | | | |
|---------------|----------|-------------|
| Dev Ops | mySQL | Github |
| UX Design | MongoDB | Slack |
| Data Analysis | FireBase | React\Redux |

Interests

Creating, Building, Hacking, Learning

Education

- 2019-2021 Northeastern University, Boston MA MS, Computer Science
Specializations in Software Engineering, Artificial Intelligence
- 2016-2018 Harvard Extension School, Cambridge Graduate Level Coursework
Intro to Biochemistry, Biology of Cancer, Stem Cell/Regenerative Biology, Genetics/Genomics
- 2012-2016 University of Massachusetts, Amherst BS, Biology & Psychology

Relevant Coursework

- | | |
|----------------------|----------------------------------|
| Android Development | Machine Learning |
| Web Development | Scalable Distributed Systems |
| Software Engineering | Intro to Artificial Intelligence |
| Algorithms | Object Oriented Design |

Personal Projects

- 2022 Created gpstats.dev - Data Scraper/Plot Generator Website Web Dev
- Scrapes and parses game data from boardgamers.space
- Uses python/plotly to generate auto-updating summary statistic plots
- Hosted site on VPS, set up SSL certificates and secured ports
- Google Analytics to collect user data
- 2021 Time Series Stock Prediction Data Science Project ML
- Scraped social media and pulled inflation/treasury security data
- Applied NLTK sentiment analysis, Fourier smoothing
- Performed feature selection, engineering, and PCA
- Compared LSTM, XGBoost, FB Prophet, ARIMA/VARMA, ensemble methods
- 2020 Created EpiMage - web service for sample age prediction Full Stack
- Used Horvath clock model on human methylation data
- Angular front-end, Spring Boot back-end/Loadbalancer, mySQL DB
- Multiple OpenCpu R servers to impute data/apply model
- 2020 Contracted to create a website for a local art studio Web Dev
- Tailored design including custom logo and JavaScript animations
- Implemented techniques like lazy-loading and image compression
- Hosted site on Google Cloud VPS, set up SSL certificates and secured ports

Academic Projects

- 2020 AI player for a 2-player abstract board game "Circle Of Life" AI
- Designed an AI player/interface using Python/Pandas/NumPy
- Monte Carlo Tree Search, parallelization, symmetrical state compression
- 2020 Full-featured Browser Based Realtime Messaging Service Full Stack
- Spring Tomcat servlet, MySQL, JavaScript/HTML/CSS client
- Effectively collaborated using Agile/Scrum, Github Project, Slack

Internships

- 2014 Broad Institute, Cambridge MA
- 2013 Macrogen, Inc. Seoul, South Korea

Publications

Gladyshev, T.V. and Gladyshev, V.N., 2016. A disease or not a disease? Aging as a pathology. *Trends in molecular medicine*, 22(12), pp.995-996.