Logan Talkington

217-691-2481 | talkington.logan@gmail.com | linkedin.com/in/logantalkington/ | github.com/ltalkington

PROFESSIONAL EXPERIENCE

The Boeing Company   Saint Louis, MO
Software Engineer   *Jan 2020 – Present*
- Automated manual requirements testing using $C^\sharp$ and Python to save roughly 30 hours per test event
- Led DevOps efforts to modernize pipelines and mentor/manage 5 engineers to build nightly automation test suite
- Handled hardware upgrades for system displays and designed 3 new software services in C++ to manage them
- Increased nightly automated testing event speed by 20% by developing new networking architecture strategy
- Upgraded Jenkins pipelines to GitLab runners to modernize pipelines and leveraged cloud infrastructure
- Designed full-stack React application and wpf application to display results of daily testing events
- Modernized team utility scripts from Perl to Python and increased team productivity by about 75%

EDUCATION

Oregon State University   Corvallis, OR
Bachelor of Science in Computer Science   *Jan 2021 – May 2023*

Millikin University   Decatur, IL
Master of Business Administration   *Aug 2018 – Aug 2019*

Millikin University   Decatur, IL
Bachelor of Science in Business Management, Minor in Finance *Aug 2014 – May 2018*

PROJECTS

Automated Requirements Testing | *Python, JavaScript, React, MySQL, $C^\sharp$, , Git*   March 2022 – Present
- Designed end-to-end automated requirements testing which has automated over 300+ functional procedures
- Engineered result viewer web application in Angular and $C^\sharp$ for upper-management
- Managed a team of 5 developers on creating further automated testing

PropLurk | *Python, JavaScript, React, MySQL, Docker, AWS, Git*   May 2023 – Present
- Engineered a full-stack web application that analyzes the property valuation of rental portfolios using React
- Implemented Auth0 authentication with Google and Apple OAuth that can handle 100k+ users
- Published the web application using AWS EC2, Amplify, RDS, and 2 load balancers
- Validated system design by handling roughly 20 users using the service in total with a revenue of 100 dollars a month

Jam Session | *JavaScript, React, PostGreSQL, GitLab, Git*   Jan 2023 – May 2023
- Constructed a full-stack web app to help musicians find others to 'jam' with.
- Produced a web application on GCP with Google Compute Engine and 5 micro services
- Implemented continuous delivery using GitLab to build the 5 microservices upon a change in back-end

Quoridor | *Python, Tkinter, , Git*   Jan 2021 – May 2021
- Architected a digital version of the board game quoridor a game where two players fight to get to the opponents end of the board
- Conceptualized the UI through Tkinter using a grid board for a 2 player experience

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (MySQL PostGreSQL), NoSQL, JavaScript, HTML/CSS, $C^\sharp$, Java
Frameworks: React, Node.js, Tailwind CSS, Material-UI
Developer Tools: Git, Docker, Jenkins, Google Cloud, Amazon Web Services, BitBucket, Jira, GitLab, Kubernetes, RHEL6+