

Xiao Fischer

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SUMMARY

Dynamic and results-oriented Software Engineer with over 8 years of experience in developing AI-driven cybersecurity products. Passionate about enhancing security measures through innovative solutions. Track record includes effective collaboration with research teams to prototype novel cybersecurity systems that meet consumer needs. Exceptional communication skills foster strong partnerships and bolster team efforts, resulting in higher client satisfaction. Eager to contribute expertise in artificial intelligence and software engineering to drive product development at SecureTech Solutions, where impactful cybersecurity innovations are prioritized.

EXPERIENCE

Senior Software Engineer

March 2020 - Present

SecureNet Innovations

Austin, TX

Leading development efforts for AI-powered cybersecurity applications focusing on proactive threat detection. Engage closely with interdisciplinary teams on project planning and solution design tailored to customer requirements. Mentoring junior developers fosters a collaborative coding environment encouraging best practices in both software engineering and cybersecurity.

- Developed AI-driven solutions that enhanced threat detection rates significantly.
- Collaborated with cross-functional teams to translate customer needs into technical specifications.
- Provided mentorship and guidance to new engineers on security principles and software development practices.
- Oversaw testing protocols ensuring compliance with security standards and reducing vulnerabilities.

Mid-Level Software Engineer

June 2016 - February 2020

CyberGuard Technologies

Chicago, IL

Played a critical role in the creation of machine learning frameworks for identifying vulnerabilities within client systems. Emphasized direct client engagement to configure products that substantially reduced security incidents.

- Designed and implemented algorithms leveraging machine learning for real-time vulnerability identification.
- Established close relationships with clients to determine exact challenges and deliver tailored solutions.
- Participated actively in team knowledge-sharing initiatives, raising overall group competencies.
- Highlighted potential improvements through regular code reviews, enhancing collective code quality.

Software Engineer

January 2015 - May 2016

TechSecure Corp

Boston, MA

Focused on feature development for advanced cybersecurity applications with emphasis on performance and user experience. Collaborated extensively with QA teams for robust testing to ensure reliability.

- Executed pivotal features improving application performance and user satisfaction scores.
- Worked alongside quality assurance to validate compliance with security and performance standpoints.
- Addressed critical product issues promptly post-launch enhancing trust with user base.
- Engaged in workshops and training programs promoting legislative understanding in cybersecurity.

LEADERSHIP & AWARDS

- Awarded Employee of the Year at SecureNet Innovations for excellence in project delivery.
- Recognized as Team Lead of the Quarter for successfully mentoring three junior developers.

EDUCATION

Bachelor of Science in Computer Science

2014

University of Washington GPA: 3.7

Seattle, WA

Coursework: Software Development Life Cycle, Artificial Intelligence, Cybersecurity Principles, Database Management Systems

CERTIFICATIONS

- Certified Information Systems Security Professional (CISSP) 📅 2021
- Certified Ethical Hacker (CEH) 📅 2020

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++
- **Development Frameworks:** Django, Flask, Spring Boot

- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Version Control:** Git, SVN, Bitbucket
- **Machine Learning Tools:** TensorFlow, Keras, Scikit-learn
- **CI/CD Tools:** Jenkins, Travis CI, GitLab CI
- **Testing Tools:** JUnit, Selenium, Postman
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Containerization:** Docker, Kubernetes, OpenShift
- **Operating Systems:** Linux, Windows, macOS

SKILLS

- Cybersecurity Solutions
- AI and Machine Learning
- Software Development Life Cycle
- Agile Methodologies
- Team Collaboration
- Product Strategy
- Client Communication
- Technical Documentation
- Risk Assessment
- User Experience Design
- Data Analytics
- System Architecture
- Performance Optimization
- Application Security
- Cloud Computing

PROFESSIONAL AFFILIATIONS

- Active member of the National Cyber Security Association, contributing insights into policy improvements.
- Regular contributor to local hackathons focused on generating fresh security solutions.

LANGUAGES

- English (Native)
- Mandarin (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST