



# Xiao Fischer

## AI-Powered Cybersecurity Product Engineer

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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.

### STRENGTHS

#### 👥 Collaboration

Working closely with research teams, securing input for effective product designs that resonate with users' needs. Peers value this teamwork approach.

#### 🔄 Adaptability

Quickly adjusting strategies based on shifting technology landscapes. Friends often refer to this as natural intuition in decision-making.

#### 🔧 Problem-Solving

Consistently tackling complex software challenges head-on, instilling confidence in colleagues who seek insight during tough times.

#### 💡 Innovative Thinking

Daring to propose bold ideas leads to breakthrough projects that catch attention of management. Engaging discussions frequently arise from these pitches.

#### 👤 Mentorship

Fostering growth in others gives me joy, establishing an environment where young professionals thrive with supportive feedback and encouragement.

### SKILLS

Cybersecurity Solutions

AI and Machine Learning

Software Development Life Cycle

Agile Methodologies

### EXPERIENCE

#### Senior Software Engineer

SecureNet Innovations 📅 March 2020 - Present 📍 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

CyberGuard Technologies 📅 June 2016 - February 2020 📍 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

TechSecure Corp 📅 January 2015 - May 2016 📍 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.

Team Collaboration

Product Strategy

Client Communication

Technical Documentation

Risk Assessment

User Experience Design

Data Analytics

System Architecture

Performance Optimization

Application Security

Cloud Computing

## LANGUAGES

English Native

Mandarin Proficient

## MY CAREER



● Senior Software Engineer at SecureNet Innovations (6.2 Years)

● Mid-Level Software Engineer at CyberGuard Technologies (3.7 Years)

● Software Engineer at TechSecure Corp (1.3 Years)

## EDUCATION

### Bachelor of Science in Computer Science

University of Washington 🎓 GPA: 3.7 📅 2014 📍 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

## 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.

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST