

THANAPHON "BOM" CHAVENGSAKSONGKRAM

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Stamp 4 Holder | Dublin, Ireland | www.github.com/As-12

OBJECTIVE

Looking to leverage my five years of experience as a programmer and my recent education in machine learning to accelerate the development of data-driven and AI products.

EDUCATION

- **The University of Edinburgh** Edinburgh, UK
Master of Science in Artificial Intelligence; GPA: 2:1 *Aug 2017 – Aug 2018*
- **West Texas A&M University** Texas, USA
Bachelor of Science in Computer Science; Attebury Honors; GPA: 3.81/4.00 *Aug 2009 – July 2013*

BOOT CAMPS

- **Udacity:** Full Stack Developer Nanodegree Credential ID: HUHJ57DQ
- **Team Treehouse:** Front End Web Developer Techdegree Credential ID: 15853606

PERSONAL PROJECTS

- **Fit-App:** Full-stack web application powered by Angular, Python, and Postgres. fitapp.as12production.com
- **gSparse:** C++ algorithm library for Spectral Graph Sparsification. github.com/As-12/gSparse

WORK EXPERIENCE

- **Fidelity Investments** Dublin, Ireland
Cybersecurity Software Engineer *Jan 2019 - Feb 2020*
 - **Web Development:** Developed a full-stack SPA web application using Java Spring Boot 2.x, Angular 8, and MySQL to validate SOC1 controls.
 - **Machine Learning:** Trained and deployed a SVM classifier to detect anomalies in Guardium database transactions.
 - **Mentorship:** Offered training to 7 graduate developers covering change management, collaborative source control, design patterns, and software testing.
- **Fidelity Investments** Dublin, Ireland
Technology Risk Analyst *Jan 2016 - Sep 2017*
 - **Unix Security:** Deployed Role-Based Access Control security infrastructure across 12,000 Unix Servers and private cloud using Centrify.
 - **Automation:** Developed an incident resolution tool in Bash and Power shell, which reduced average incident response time by 51%.
 - **Security Operations:** Supported Key management, Authentication, and Single Sign-On systems across the firm.
- **Fidelity Investments** Dallas, Texas
Operating Systems Programmer *Jul 2013 - Dec 2015*
 - **Systems Programming:** Developed and maintained a library of assembler exits, batch jobs, and scripts to manage life cycle of 1,800 CICS transaction servers and their subsystems.
 - **Cost-Saving:** Reduced up to 1.4 million dollars in licensing cost by rewriting vendor software solutions.
 - **Production Support:** Supported production issues by analyzing operating system dumps, collaborating with Software Architects, and managing stakeholder expectations.

AWARDS

- **Fidelity High-Five Award:** Reduced average incident resolution time by 51%.
- **Fidelity On-The-Spot Award:** Automated DR testing for a Data Center migration project.
- **Fidelity Best-In-Class Volunteer:** Contributed to various volunteer and community projects.
- **NECTEC National Software Contest:** Won first place in the Game Development category using C++ and OpenGL.