

THANAPHON "BOM" CHAVENGSAKSONGKRAM

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

EDUCATION

- **The University of Edinburgh** Edinburgh, UK
Master of Science in Artificial Intelligence; 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*

WORK EXPERIENCE

- **Fiserv** Nenagh, Ireland
Software Engineer *Aug 2020 - Present*
 - **Modernization:** Develop new SPA applications powered by Spring Boot and Angular to replace existing JSF web applications.
 - **API Development:** Develop public-facing RESTful APIs using Spring Boot 2.x, which allow customers to manage their stores, payments, analytic, and transactions through Fiserv gateway services.
 - **Documentation:** Maintain API documents to ensure quality and compliance with the OpenAPI specifications.
- **Fidelity Investments** Dublin, Ireland
Software Engineer *Jan 2016 - 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.
 - **Mentorship:** Offered training to 7 graduate developers covering change management, collaborative source control, design patterns, and software testing.
 - **Automation:** Developed an incident resolution tool in Bash and Power shell, which reduced average incident response time by 51%.
- **Fidelity Investments** Dallas, Texas
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.

PERSONAL PROJECTS

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

BOOT CAMPS

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

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.