

Zachary J. Thomas
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Objective:

To grow a portfolio and expand a current skillset by obtaining a position in the field of Software Development with a special interest in object orientation and web applications.

Education

The Pennsylvania State University 2014 – 2018
B.S. in Information Sciences and Technology; Design and Development Option
Minor of Security and Risk Analysis (SRA)

Relevant Coursework

- **IST 242:** Intermediate & Object-Oriented Application Development
- **IST 302:** IT Project Management
- **IST 440W:** Information Sciences and Technology Integration and Problem Solving
- **SRA 221:** Overview of Information Security

Academic Experience

In-Class Projects at Penn State, University Park, PA JAN 2015 – MAY 2018

- Created a simulated apartment rental site by hand using HTML, PHP and SQL
- Designed and created a user credential and password management application
- Planned and developed several miscellaneous development projects from outline to finished product
- Created a sample IT project management strategy template under a given scenario

Work Experience

Computer Aid Inc., Camp Hill, PA AUG 2018 – DEC 2018

Open Systems Java Developer

- Worked as a contractor with Highmark Health Solutions in Open Systems development
- Built required J-Unit test cases which were not present for existing and legacy applications
- Managed current assigned application's changes through IBM CA Harvest SCM and MyEclipse Blue
- Utilized tools such as Mockito and PowerMockito to circumvent obstacles in testing legacy code
- Documented untestable or dead code for future reference or refactoring

PSU Auxiliary and Business Services, State College, PA APR 2017 - AUG 2017 / JAN 2018 - AUG 2018

Application Development Intern

- Utilized REST API's to prototype a university-wide mass texting application
- Created web applications and dynamic reports using ColdFusion, HTML, CSS, and SQL
- Refined an open source JavaScript widget for integration into a responsive website design
- Documented methods and features of completed projects for future reference

Skills and Knowledge

- Experienced in object orientation; specializing in Java, proficient in C# and Python
- Knowledgeable in web technologies such as JavaScript, jQuery, HTML, CSS, and PHP
- Regularly worked with SQL databases corresponding to developed web applications
- Familiar with a variety of IDE's including Eclipse, Visual Studio, Sublime Text, and Netbeans
- Experienced in agile software development and methodologies