

# timothy flynn

developer

## home

2825 Cobden St  
Pittsburgh, PA  
15203

## web

timflynn.info  
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## contact

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## programming

Java  
Spring Framework  
Spring Boot  
Spring Batch  
JavaScript  
REST APIs  
JUnit  
Mockito  
Shell scripting  
jQuery  
HTML/CSS  
.NET  
Python  
PL/SQL

## software

Eclipse  
Jenkins  
uDeploy  
TOAD for Oracle  
Git  
Postman  
SoapUI  
Swagger  
Control-M

## interests

I am passionate about solving complex problems using technology. I take pride in designing and implementing solutions, and working with others to achieve our goals.

## education

- 8/12 - 5/16 **B.Sc.** in Information Sciences and Technology Penn State University  
*Focus on Design and Development*
- B.Sc.** in Security and Risk Analysis Penn State University  
*Focus on Information and Cyber Security*

## experience

- 8/20 - now **PNC Financial Services Group, Inc.** Software Developer Sr  
Design and implement Spring-based web applications for multiple payment methods including Real-Time Payments, Wire Transfers, and ACH payments.
- 8/17 - 8/20 **PNC Financial Services Group, Inc.** Software Developer  
Developed customer facing web applications using Java Spring Framework, JavaScript, and SQL.
- 6/16 - 8/17 **DICK'S Sporting Goods** Associate Application Developer  
Developed internal applications using Oracle PL/SQL and AIX to support planning systems, allocations, and replenishment.
- 5/15 - 8/15 **DICK'S Sporting Goods** Application Development Intern  
Developed internal Java applications to improve efficiency and improve outward facing customer experience.
- 5/13 - 8/14 **C&G Tours, Inc.** Software Development Intern  
Maintained and developed features for internal Access/Visual Basic applications and managed databases.
- 1/14 - 5/16 **Penn State University** Technology Tutor  
Provide personalized software education to faculty and staff.
- 8/14 - 12/14 **Bar Hoppers Group, LLC** Android Developer  
Developed an application to display restaurant and bar specials in State College using information from an online data repository

## applications

- Cipher Solver** <https://timflynn.info/ciphersolver>  
Android application to encrypt and decrypt text using classical cryptographic algorithms. Features include encryption, decryption, and a frequency analysis visualization tool. The app is currently available on Google Play and has over 50,000 lifetime installs.