William Zangardi
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EDUCATION: TEMPLE UNIVERSITY, College of Science & Technology, Philadelphia, PA 19122
Bachelor of Science: May 2015
Major: Information Science and Technology

EXPERIENCE: *Sr. Android Software Engineer* February 2018 – Current
FreedomPay, Inc. 2929 Walnut St, Philadelphia, PA 19104

- Developed Android and Java libraries used by third party POS (Point-of-Sale) developers to incorporate uses of credit card terminals and processing of payments on the FreedomPay P2PE network within their applications. (AFCC - Android Freeway Commerce Connect)
- Developed Android libraries that would communicate with specific credit card terminals to be used along with the AFCC. Libraries included Ingencio RBA and Tetra devices where we supported USB, Bluetooth, and IP Socket communications using a byte level protocol. Ingenico ROAM devices support using Ingenico provided Android libraries for communication.
- Designed, developed, and maintained a CI/CD pipeline that would generate and distribute Android and Java libraries (.aar/.jar) on a private Maven repository for seamless integration for integrators consuming our libraries.
- Worked closely with companies such as Ingenico, Apple, and Google to design features around Apple Pay, Google Pay, Apple VAS, and Google Smart Tap to support payments and loyalty programs for mobile and digital credit card terminal next generation interactions.

Android Software Engineer January 2015 – February 2018
Elsevier Inc. 1600 JFK Blvd, Philadelphia, PA 19103

- Developed Android applications for medical professionals (ex: ClinicalKey, CDI Reference, Clinical Pharmacology)
- Used MVP architecture combined with the ReactiveX library, RxJava, to design and maintain clean and efficient codebase
- Worked in an agile development with daily scrums
- Worked closely with the product owners to effectively implement new features and clean material design

Software Engineer Internship May 2013 – January 2015
Elsevier Inc. 1600 JFK Blvd, Philadelphia, PA 19103
- Designed and developed RESTful APIs using NodeJS
- Automated daily tasks
- Built and deployed backend services using Amazon's Web Services (AWS) and DigitalOcean

Co-Founder/Developer November 2013 – August 2015
Rappid Development, LLC. Philadelphia, PA
- Developed custom application engines using PHP and JavaScript
- Formed a joint venture partnership with *DryRain Technologies* to collaborate on two in-house developed projects
- Developed custom CMS backends for clients to edit static HTML content

SKILLS: Languages: Java, Kotlin, JavaScript, C#
Development Tools: Android Studio (including other JetBrains IDEs), Visual Studio
CI/CD Tools: TeamCity, Artifactory
Other: JIRA, BitBucket, GitHub
Methodologies & Environments: Agile, Scrum, Kanban

TALKS: February 22, 2017 - Google Smart Lock Presentation at the Android Alliance Philly meet-up. Discussed the benefits of using Google's Smart Lock client and how it can be used to easier store user credentials, and cross-platform benefits.

PORTFOLIO & PAST WORK:

- http://billzangardi.me
- http://github.com/BillZangardi