

# Aaron Reich

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## **BACHELOR'S DEGREE | GRADUATION DATE – SUMMER 2017 | FLORIDA ATLANTIC UNIVERSITY**

- Major: Computer Science                      -Overall GPA: 3.544 Major GPA: 4.000                      -Dean's List
- Co-Founder and President of Upsilon Pi Epsilon International Honor Society for the Computing and Information Disciplines Chapter at FAU

### **Skills**

Programming: C, C++, C#/.NET, Java, HTML, XML, XAML, CSS, JavaScript (Client-Side and Server-Side: Node.js, PHP, MySQL, IDE's and Databases: WebStorm, MongoDB, MySQL, PostgreSQL, MS Visual2015, SQL Server Management Studio 2008,

### **Experience**

#### **INFORMATION TECHNOLOGY INTERN | POLEN CAPITAL MANAGEMENT | MAY 2016 – JULY 2016**

- Developed applications as well as database design for the building of a data warehouse to enable automation in the reporting of business metrics to executive management. Also created custom SharePoint Add-in for the viewing of the Distribution team's completed tasks. Tools Used: C#, .NET, Transact-SQL, Microsoft Visual Studio 2015, SQL Server Management Studio 2008, JavaScript, XML, SharePoint Office 365 Online

#### **WEB CONSULTANT | D-TECH BUSINESS SOLUTIONS – A XEROX AUTHORIZED AGENCY | FEBRUARY 2016-JUNE 2016**

- In charge of the managing of the company's website, increasing functionality, adding content, magnifying SEO for it, and responsible for the company's social media presence online

#### **WEB DEVELOPMENT INTERN | BRICKS & MORTAR CREATIVE WEB AGENCY | MAY 2015- AUGUST 2015**

- Worked on JavaScript and PHP based platforms and frameworks specifically Node.js, Express.js, WordPress, and utilized MongoDB - a cross-platform document-oriented database

### **Projects**

#### **POLEN CAPITAL MANAGEMENT EXCEL TO SQL DATABASE APPLICATION**

- Developed a Windows Forms Application to transfer data from various Excel files of different formats holding company data to a SQL Server database. Created tables in SQL Server Management Studio 2008 and mapped them in the application using LINQ for native data querying. Will send message if authentication for using the database has failed.
- Tools Used: C#, Transact-SQL, .NET (including LINQ and MS Office Interop Frameworks), MS Visual Studio 2015, SQL Server Management Studio 2008                      <https://github.com/agr505/PCMExceltoSQLDatabase>

#### **REAL ESTATE FINDER JAVA SWING APPLICATION**

- A Java Swing Application allowing sellers to post real estate listings and customers to browse listings and add properties they are interested in to their favorites. Customers can also submit their contact information to the seller if they are interested in buying the property. This application utilizes a rich MVC architecture along with utilizing the Strategy design pattern to create the Property Description Page based on the customers actions and recreate the page in real time. This application utilizes serialization for persistence. The application also uses the Observer and Iterator design patterns. This project was created by myself and two other partners for my Object Oriented Design and Programming elective course (COP4331). The design for the application includes Use Cases, CRC diagram, UML Class diagrams, Sequence diagrams, and State diagrams. I did most of the application's design and about 75% of the code.
- Tools Used: Java (including Iterator, LinkedList, Serializable, Swing frameworks), NetBeans  
<https://github.com/agr505/RealEstateFinder>