BOHAN JIANG

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EXPERIENCE

IBM Cognos Analyst   **IBM**   **May 2017 – August 2017**
- Troubleshot 150+ software issues relating to IBM Cognos Enterprise BI Software via custom debugging and software log tracing–with issues relating to: IIS/Apache Webservers, Oracle/SQL server Databases, ODBC/JDBC Connections, Single-Sign On, Security Vulnerabilities, Distributed Environments, Performance issues, SQL Query Generation.
- Identified, documented, and tested 30+ defects within IBM Cognos; supported the fix of future software iterations.
- Debugged 2-3 malfunctioning server environments daily, and received consistent positive feedback to contribute to the rise of IBM Analytics' Net Promoter Score.

Co-Chair/Director of Technology   **FuturFund**   **July 2016 – Present**
- Designed and developed the organization's website using WordPress, along with injected HTML, JavaScript, CSS, PHP.
- Managed day-to-day operational activities to support FuturFund's goals of making financial literacy accessible and engaging for youth; directly contributed to the financial literacy education for 2000+ youth across Canada.
- Optimized FuturFund's website for Search Engines, which led to over 3000 unique website visitors.

Database Administration Specialist   **Access Healthcare Services Inc.**   **July 2016 – August 2016**
- Managed the clinic's database on Microsoft SQL Server using database configurations and SQL queries to locate clients and staff members' specific personal information.
- Oversaw strict and safe procedures to ensure secure database server migration and backup of over 8000 clients' sensitive information and 2TB of data.

PROJECTS AND LEADERSHIP EXPERIENCE

shARe - iOS/Web App   **Hack Western 4**   **November 2017**
- Used Swift, AWS, Facebook API, and the ARKit SDK to develop shARe, an iOS social media app that allows users to post messages in AR around their physical location: enabling social communication to revolve around real-life landmarks.
- Won Best Use of AWS for using DynamoDB to store user IDs, geolocations, and 3D vector data of posted messages.

FalconW - Java Game AI   **MIT Battlecode 2018**   **January 2018**
- Developed an AI player using A* pathfinding and minimax algorithms to defeat competitor AIs in MIT's Battlecode 2018.
- Implemented minimax algorithms for AI decision-making, resource macro-management, and enemy threat parsing.

GoSomewhere - Web App   **MIT Blueprint Hackathon**   **February 2016**
- Designed GoSomewhere, a web app dedicated to help homeless people find nearby food and shelter.
- Developed the front-end of the web app using HTML, CSS, and JavaScript.

Multi-Photo Editor - Photoshop Extension   **Personal Project**   **February 2014 – August 2015**
- Lead a team of two developers to design and develop a Photoshop extension software for Topshelf Sports Photography.
- Utilized HTML5 for front-end service and ExtendScript for functionality scripting to create a Photoshop extension that simplifies the batch editing, import, and export of multiple pictures simultaneously upon a specified template.

LANGUAGES AND TECHNICAL SKILLS

- Languages: **Java**, **Python**, **C/C++, JavaScript, Swift, SQL, XML**(XSD)**, HTML, CSS, Visual Basic/PBASIC**
- Framework/Libraries: **ARKit, Node.js, Angular.js, React.js, jQuery**
- Platform and Tools: **Git, XCode, Eclipse, GNU Octave, DBMS**(DB2, MS SQL Server, Oracle, MySQL)**, JSON, IBM Cognos, IIS, MS Office Suite, AWS**(DynamoDB, Cognito, Lambda)
- OS: **Windows, OSX, Linux, Unix**(Command Line)
- Other: **Algorithms & Data Structures, ML Algorithms**(Linear/Logistic Regression, SVM, K-means)
- Fluent mastery of **English**, **Mandarin**, and **French**

EDUCATION

London, ON   **University of Western Ontario**   **September 2016 – Present**
- Bachelor of Science, Honors Specialization in Computer Science. GPA: 3.9/4.0
- Dual Degree Candidate for Honors Business Administration (HBA) at the Richard Ivey Business School.
- Other Courses: Stanford Machine Learning (Online), BIWS Excel & Advanced Financial Modelling Certification.

AWARDS

- **Western Scholarship of Excellence, Dean's Honor List, UWO In-Course Scholarship Year II**.   **2016-2018**
- **Fiat Chrysler Automobiles (FCA) Student Achievement Award Recipient:** $5,000 Scholarship.   **July 2017**
- **DALF C1 Certification:** Certified mastery in French by the French National Ministry of Education.   **August 2016**
- **National AP Scholar:** Average score of 4/5 on a total of 8 AP Exams taken.   **July 2017**