ARTHUR (YA SE) WANG

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TECHNICAL SKILLS

- Proficient in: Java, C++, Python, Scheme, JavaScript/Node.js, Bash, git, HTML, and CSS
- Familiar with: React, AngularJS, Amazon Web Services, JUnit, Mockito, Jasmine, Karma, Firebase, Selenium

NOTABLE PROJECTS

CLUBHUB - CO-FOUNDER   NOV 2015 - PRESENT

- Created an app that provides real-time analytics on clubs/bars. A corresponding bouncer app was built to scan IDs and collect patron data. In application process for Velocity Venture Fund. Technologies used: Javascript, Java, AWS Cognito and DynamoDB.

TOPIC - HACK THE NIGHT AWAY WINNER   MARCH 2016

- Developed a fully featured chat platform in React Native that leveraged an extra dimension for fast-paced multi-topic group chats (think Slack with swiping). App was later refined for practical use amongst team projects, resulting in improved team efficiency.

WORK EXPERIENCE

SOFTWARE DEVELOPER ENGINEER INTERN, AMAZON - AWS LAMBDA   SEPT 2015 - DEC 2015

- Redesigned the integration API to cut the average third-party development time of Lambda event sources from months to weeks. As a result, shipped three new event sources within two months
- Proposed and spearheaded a package manager tool in Python which assisted third-party developers in easily build integration logic, configurations, tests, and canaries to further streamline the development process
- Developed, using AngularJS and Java, an embeddable and customizable component that allows one-click creation of Lambda functions on third-party websites with a context-sensitive function templating engine

SOFTWARE DEVELOPER INTERN, PROSPECT   MAY 2015 - SEPT 2015

- Built a custom sales program using Javascript for sales employees to automate cold emails, product demonstrations, and pipeline tracking with Salesforce API integration
- Improved email search accuracy by 10% by researching and developing a new additional process to run in parallel to existing algorithms

AUDIT - TECHNOLOGY, KPMG   JAN 2015 - APRIL 2015

- Understood the operations of various companies in the technology sector and applied the knowledge by performing analysis and reverse engineering financial data
- Exceeded expectations and was chosen to run an audit independently after demonstrating excellent learning, communication, and client relationship management skills

PRODUCT MANAGER, SNEEKAPP (FORMERLY UMENTION)   JUNE 2014 - SEPT 2014

- Grew a Social Media platform to its first 55,000 users by working closely with the CEO and CTO on all aspects of the company including development, UX design, marketing, and business development
- Initiated innovative growth hacking strategies including the planting of school representatives and viral marketing campaigns to raise the app to a peak ranking of 58th on the US App Store

LEADERSHIP EXPERIENCE

DIRECTOR OF SPONSORSHIP/FINANCE, HACK THE NORTH   APRIL 2014 - PRESENT

- Contributed to the development of the website, team dashboard, and various internal tools
- Designed bookkeeping procedures to provide accurate budgeting and financial plans for the organization
- Interacted with sponsors to establish financial/strategic partnerships to provide resources for the event

EXECUTIVE, ACE CONSULTING GROUP   SEPT 2013 - SEPT 2014

- Solved challenging issues for twelve local tech startups that ranged from financial to business development projects, leading to the development of a refined set of problems solving and communication skills
- Utilized strong networking skills to pitch services at technology conferences across Ontario, extending our client portfolio outside of Waterloo and supporting entrepreneurship in surrounding cities

EDUCATION

UNIVERSITY OF WATERLOO, BACHELOR OF COMPUTER SCIENCE (HONOURS) - BUSINESS OPTION, 3B   SEPT 2013 - APRIL 2018

- Notable Courses: Operating Systems | Algorithms | Database Management | Data Structures and Data Management | Sequential Programs | Computer Organization and Design | Object-Orientated Software Development