625 W 1st St, Apt 335
Tempe AZ 85281

ANKIT GOYAL

+1 (480) 669-0028
agoyal22@asu.edu
https://www.linkedin.com/in/ankitgoyal1410

Summary

- Computer Science graduate student with 3.5 years of professional work experience in software and web development.
- Deft in analyzing and interpreting problems by project experience and logical thinking to find the right solutions.

Education

Masters of Computer Science, **Arizona State University, Tempe, AZ** GPA: 4.0/4.0   **Jan 2016 – Dec 2017**
- *Relevant Coursework:* Software Design, Software Security, Mobile Computing, Data Mining, Distributed Databases Systems, Foundations of Statistical Machine Learning, Statistical Machine Learning, Information Assurance and Security, Data Structure and Algorithm.

Bachelor of Technology, Nirma University, Ahmedabad, India GPA: 7.39/10   **Jun 2008 – May 2012**

Employment

Software Engineer, Herberger Institute of Design and Arts, ASU   **Dec 2016 – Present**
- Responsible for developing and maintaining the web-applications for the ASU's design school.
- Accountable for performing corrective actions on issues highlighted in security scans reports.
- Leading the migration of legacy PHP applications to newer version of technologies.

Graduate Service Assistant, Arizona State University   **Jun 2016 – Sep 2016**
- Research Project which identifies the cyber-threats in the earliest stages.
- Implementing user-interactive dynamic GUI dashboard for data visualization using D3.js, PHP, HTML and CSS3.

Founder, Sol-Savvy Services (startup)   **Mar 2014 – Oct 2015**
- Developed desktop and web based accounting software, Pac Savvy aimed at small and medium business enterprises.
- Built Internet booking engine for bike and car servicing by various authorized vendors in India.
- Programmed automated tool which analyses many CSVs given by Reserve Bank of India at single go to categorize and generate the list of applicants whose loan is approved or disapproved with reasons, reducing human efforts nearly by 99 percent.

Software Engineer, Accenture Services Pvt. Ltd.   **Oct 2012 – Mar 2014**
- Contributed to Customer Gateway Services (CGS) for Barclays Bank, which is an interactive web application used by personal bankers to perform various Banking operations.
- Modeled business processes and created impact assessment documents, design documents (RTM), use case, sequence and workflow diagrams of complex client requests for translating into business requirements.
- Programmed in Java to develop 3-4 modules per project release aimed at code reusability and abstraction.

Software Developer Intern, Educational Initiatives Pvt. Ltd.   **Dec 2011 – May 2012**
- Developed activity based interactive mathematical games for conceptual understanding in Flash.
- Designed a collaboration platform for students to share ideas, academic projects among their peers in PHP, HTML and JavaScript.

Academic Projects

- **Mobile Monitoring Android App (2016):** Developed an Application to monitor Call, SMS, and Locations in smartphone that you own or have proper consent to monitor in Android.
- **Automated Cross-site Scripting (XSS) prevention (2016):** Designed automated libraries to protect code injection attack on the insecure websites in PHP and JavaScript.
- **Restful Web Services (2016).** Designed and implemented web services in REST architecture to allow CRUD operations and Hypermedia driven transactions using XML Data Object in JSP and Java.
- **Adversarial Image Classification (2016):** Implemented logistic regression model for classification of images, algorithm to generate adversarial images and studied the effect of adversarial images on machine learning model in Matlab.

Additional Experience and Awards

- **Chairman Each One Teach One (2011 – 2012):** Served as Chairperson for Each One Teach One, Social initiative to teach underprivileged for three states in India.
- **President Rotaract Club - RI District 3050 (2010 - 2011):** Served as President for the University Chapter of Rotaract Club, the youth program of Rotary International and led the team of approximately 250 students across the university to organize several state and National level events.

Languages and Technology

- **Languages:** HTML; CSS; PHP; Java; JavaScript; Android; Python; Matlab
- **Framework and Technologies:** Bootstrap; Maven; jQuery; AJAX; Restful Web Services; D3.js
- **Databases:** MySQL; SQLite; PostgreSQL;
- **Tools:** Android Studio; CorelDraw; Git