Fan Guo

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Education

2013 – Present

Electrical and Computer Engineering, University of Toronto

Completed coursework: Algorithms and Data Structures, Operating Systems, Computer Security, Computer Networks, Computer Organization

Leadership experience: Skule's Got Talent management, Iron Dragons Dragonboat Team Social Director 2014, Orientation Committee Social Media Subcommittee Chair 2014

Experience

May 2016 – Present

Junior Software Developer, Flipp Corporation

Resolved over 280 issues

Worked on features in projects for major US and Canadian retailers using Ruby on Rails, HTML, JavaScript, CSS, MySQL and various Amazon Web Services

Lead investigations for new features, documenting feasibility and recommendations

Projects include customized themes, analytics, templated apps, multi-item dropdown functionalities, and a custom PII-compliant API endpoint and data storage solution

Contributed 15+ articles to document processes and new features

Projects

Flipp Internal Hackathon Summer 2016

"Onboarding script" (BASH): Compiled various commands and setup instructions into a script that allowed the user to set up a development environment, with options to install components individually or at once. Reduced average set up time from a week to a day.

Battlehack Toronto 2015

"Swear Jar" (Python Django, HTML5, CSS3): Created an application that allows users to form groups, set amounts and collect money to donate to a charity at the end of a month. Used the Braintree API to process payments.

January – April 2015

"PathMapper 3.0" (C++): Used EasyGL graphics library and OpenStreetMap data to generate a map with search and route-planning functionalities. Worked predominantly on user experience and graphic interface, with input on routing algorithms.

Hack The North 2014

"Stocket" (HTML5, CSS3): Implemented front end for web application that shows real-time stock prices alongside Twitter trends from accounts chosen by the user. Application used the Bloomberg API and natural language processing to determine stock sentiments and display as a graph.

Honours

2016

Huawei Seeds for the Future, Canadian Delegate

Accepted for a two-week cultural and immersive lab program in China to understand the roles of Canada and China in the global ICT market as one of 18 delegates across Canada

2015

Canadian University and U24 Dragonboat National Club Champions

2015

Engineering a bright future: 10 students to watch

Selected by department for academic and co-curricular achievements