

MUDMIE (Chatchanok Chuthamsatid)

2A Honours Systems Design Engineering

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SKILLS SUMMARY

Web Development

HTML5, CSS3, Bootstrap,
Mobile UX Design

Programming

JavaScript, Java, C++, Python, Git

Design

Photoshop, Illustrator, SolidWorks,
Sketch

Automated Testing

Sahi Pro Testrunner

Marketing

Google Analytics, MailChimp

EDUCATION

University of Waterloo

2015 – 2020

Systems Design Engineering,
Bachelor of Applied Science

Relevant Courses

Digital Computation
Algorithm and Data Structures
Digital Systems
Human Factors in Design
Graphics Labs
Introduction to Design

EXTRACURRICULARS

Clubs

UW Engineering Without Borders
UW Muay Thai

Hobbies

Hiking
Thai boxing
Boardgames
Traveling
Cooking

WORK EXPERIENCE

Mappedin

SOFTWARE DEVELOPER IN TEST

Aug – Dec 2016 | Kitchener, Canada

- Automated UX and integration test cases using Sahi Pro Testrunner with JS, resulted in a faster and 60% more reliable acceptance testing
- Fastened bug filing process by integrating Chrome extension to automatically collect build information and error messages
- Proposed new features for a more user-friendly mapping web application and collaborated closely with stakeholders to follow up on deliverables

Roundabout Canada

FRONT-END WEB DEVELOPER

Jan– Apr 2016 | Toronto, Canada

- Completely redesigned and developed company website
- Improved average Google search result ranking from 19th to 8th, resulted in \$17,000 monthly revenue increase
- Enhanced user experience of mobile & tablet users (50% of total) by adopting the use of responsive design
- Analyzed website visitor trends through Google Analytics, leading to business strategy to improve user mobile experience

APCO Worldwide

RESEARCH ANALYST INTERN

Jul – Aug 2015 | Bangkok, Thailand

- Analyzed competitive advantages of Uber service in Bangkok to derive a roadmap to influence governmental regulation on ridesharing services
 - Conducted market research to observe vegetable oil consumption trends and coordinated with team to produce digital market insights
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PROJECTS

CALCULATOR CHAOS

A web-based educational game for practicing arithmetic

- Drafted user interface with Illustrator and Photoshop
- Developed game platform using HTML5, CSS3, and JS
- Customized user experience by allowing users to choose difficulty level

FORGET ME NOT

A mobile application that reminds users of upcoming events

- Designed user interface and features in Sketch
- Application development with JS and Ionic 2 framework (work in progress)

EYES ON ME

E-Commerce, an Instagram-based business for online sales

- Performed logistic optimization to efficiently deliver products to clients
- Gained \$650 in revenue within a month