



Uttapong Ruangrit

Front-end and Back-end Web Developer, Web Designer

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I'm front-end and back-end web developer with 8 years of professional experience. I'm interested in new technologies of web development frameworks or libraries and new graphics design trend and my major focus is on designing web, mobile & tablet interfaces. I also have skills in other fields like Java, Python, Database and Computer administration.

EDUCATION

- 2001 **Information Technology, Master of Science**
Sirindhorn International Institute of Technology (SIIT),
Thammasat University
 Thailand Mutation and Variation database (ThaiMUT)
- 2006 **Computer Engineering, Bachelor of Engineering**
Faculty of Engineering, Thammasat University
 An online questionnaire using XML and Web Services

EXPERIENCE

- BIOTEC, NSTDA, Thailand**
 Nov 2013 - Present
Research Assistant
 Bioinformatics Tools and algorithms development (Thalassemia Interpretation Tools, Mutation Annotation Tools) and High performance computer administration.
- RingZero**
(on Srisawat, Bank of Ayudhaya site)
 Oct 2012 - Oct 2013
Software Engineer
 Develop and maintenance in-house software to support Bank process. National Bureau Credits Checking System, iChecker-An integrated system of mobile app and web application to check customer information. Branch Profile-Branch information application, Branch Activity-Application to records working logs for all employees.
- Sanook Online Limited**
 Dec 2011 - Oct 2012
Senior Programmer
 Develop and maintenance <http://playtown.sanook.com>, <http://game.sanook.com> for both front-end and back-end website including developer's API and CMS(Expression Engine)
- Absolute Achita**
 Oct 2010 - Nov 2011
Senior Programmer
 Game online system development, Front-end and Back-end Web developer/Web design.
- BIOTEC, NSTDA, Thailand**
 Apr 2006 - Sep 2010
Research Assistant
 High Performance Computer Administrator (Unix, MacOSX Server, Solaris) Database Administrator, Bioinformatics research in following topic: Gene database mining and analyzation, Bioinformatics Software and algorithms Development.

PROFICIENCY

- PHP (Laravel, CI, CakePHP): Expert
- Node.js, Express: Advanced
- Angular: Advanced
- React: Advanced
- Java: Basic
- Python: Expert
- Database (MySQL, Mongo, Redis, PostgreSQL): Advanced
- Adobe Illustrator: Advanced
- HTML/CSS: Expert

AWARDS

- NOV 2013
AIS 1-2-3 Young Cyber Designer Awards
 Gold Awards: Emoticon design

HOBBIES & INTERESTS

- Cinema
- Beer
- Badminton
- Travelling
- Videogames
- Photography

PUBLICATIONS

- MAR 2010 **MUTation ANnotation Tool (MUTANT)** Uttapong Ruangrit, Anuchai Assawamakin, Chumpol Ngamphiw, Bunyarit Uyyanonvara, Sissades Tongshima.. Asian Young Researchers Conference on Computational and Omics Biology 2010, March 10-12, 2010.
- DEC 2009 **RExPrimer: an integrated primer designing tool increases PCR effectiveness by avoiding 3' SNP-in-primer and mis-priming from structural variation** Jittima Piriyapongsa, Chumpol Ngamphiw, Anuchai Assawamakin, Pongsakorn Wangkumhang, Payarat Suwannasri, Uttapong Ruangrit, Gallissara Agavatpanitch, Sissades Tongshima. 8th International Conference on Bioinformatics (InCoB2009), 2009.
- NOV 2009 **pHCR: a parallel haplotype configuration reduction algorithm for haplotype interaction analysis.** Wattanan Makarasara, Natsuhiko Kumasaka, Anuchai Assawamakin, Atsushi Takahashi, Apichart Intarapanich, Chumpol Ngamphiw, Supasak Kulawonganchai, Uttapong Ruangrit, Suthat Fucharoen, Naoyuki Kamatani, Sissades Tongshima. J Hum Genet. 2009 Nov;54(11):634-41.
- AUG 2008 **Thailand mutation and variation database (ThaiMUT)** Uttapong Ruangrit, Metawee Srikumool, Anuchai Assawamakin, Chumpol Ngamphiw, Suparat Chuechote, Vilasinee Thaiprasarnsup, Gallissara Agavatpanitch, Ekawat Pasomsab, Pa-Thai Yenchitsomanus, Surakameth Mahasirimongkol, Wasun Chantratita, Prasit Palittapongarnpim, Bunyarit Uyyanonvara, Chanin Limwongse, Sissades Tongshima. Human Mutation 08/2008; 29(8):E68-75. DOI:10.1002/humu.20787.
- FEB 2007 **WASP: a Web-based Allele-Specific PCR assay designing tool for detecting SNPs and mutations** Pongsakorn Wangkumhang, Kridsakorn Chaichoompu, Chumpol Ngamphiw, Uttapong Ruangrit, Juntima Chanprasert, Anuchai Assawamakin, Sissades Tongshima. BMC Genomics 02/2007; 8:275. DOI:10.1186/1471-2164-8-275