

Paul Sukhanov

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PROFILE

Full-stack iOS Developer skilled in Objective-C, PHP, MySQL, Python, Javascript, HTML, CSS
Experienced both as an independent consultant and as part of a professional enterprise team
Educational background in neuroscience, machine learning, signal processing, and biology

PROFESSIONAL EXPERIENCE

Independent Consultant

Berkeley, CA

iOS & Web Developer

Aug 2015 – Present

- Worked on a variety of freelance projects in both a lead creative and development role. Please see attached portfolio for details.

Citrix Systems

San Francisco, CA

iOS Developer

Aug 2014 – Aug 2015

- Developed, published, and maintained a native iOS application for easy project management, Pocketplan
- Followed an Agile methodology in a small team, with quick iterations on product design
- LAMP stack, deployed via AWS's Elastic Beanstalk environment

California Application Research Group (CalARG)

Stockton, CA

Lead Software Developer

Oct 2012 - Aug 2014

- Built iOS software applications from the ground up for a variety of small to medium size businesses (please see attached list of projects for more details)
- Managed small teams of developers in a project management role
- Most projects involved Objective-C front-end and PHP back-end
- Rapidly prototyped applications by engaging in requirements analysis interviews with client

Advanced Telecommunications Research (ATR)

Kyoto, Japan

Researcher (Intern)

Oct 2010 – Oct 2012

- Designed and performed cognitive psychology experiments on human subjects using functional Magnetic Resonance Imaging (fMRI) technology
- Performed data analysis on fMRI signals using machine learning methods such as sparse linear regression, and programming tools such as Matlab

- Published a master's thesis on the decoding of moving object position from the human visual cortex

University of the Pacific

Stockton, CA

Undergraduate Researcher

May 2009 – Sep 2009

- Implemented statistical methods for protein structure prediction using PERL
- Wrote and submitted a full-length peer-reviewed journal article, accepted into PLOS Computational Biology (full reference below)

EDUCATION

Nara Institute of Science and Technology

Ikoma-shi, Nara-ken, Japan

Master of Engineering in Information Science (2012)

University of the Pacific

Stockton, CA

Bachelor of Science in Biochemistry (2010)

AWARDS & PUBLICATIONS

Sukhanov, P. "Neural Decoding of Visual Object Position from Human fMRI Data" *Oct 2010*
 Master's Thesis, School of Information Science, Nara Institute of Science & Technology

Joo, H., Chavan, A.G., Day, R., Lennox, K.P., Sukhanov, P., Dahl, D.B., Vannucci, M. *Oct 2011*
 and Tsai, J.W. "Near-Native Protein Loop Sampling using Nonparametric Density Estimation Accommodating Sparsity." *PLOS Computational Biology*, 7(10) (2011) : e1002234.3

Graduated Cum Laude (University of the Pacific) *Aug 2010*

JASSO Scholarship (\$9,600/yr) *Oct 2009 – Aug 2010*

Regent's Scholarship (\$10,000/yr) *Aug 2005 – Aug 2010*

LANGUAGES

English (native speaker) | Russian (advanced) | Japanese (advanced)