

YIBO ZHUANG

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yibo-zhuang

<https://yibozhuang.me>

SKILLS

Languages: Python, JavaScript, Go, Java, C/C++

Ops Tools: Chef, Jenkins, Docker, Kubernetes, Splunk, Artifactory

Technologies: ReactJS, Django, GraphQL

Databases: MySQL, MongoDB, Redis

Others:

- FPGA prototyping, Emulation, SoC design & verification methodologies
- Excellent team work, communication, written, analytical, and time management skills
- Self-starter; ability to work independently with strong initiatives to lead projects

EXPERIENCE

Platform Engineer, Apple, Cupertino, CA

July 2015 – Present

- Team lead managing all infrastructure and operations
- Full-stack web development, database design and platform enablement
- Automated testing, deployment and regressions across many different scopes within complex lab environment
- FPGA prototyping and Emulation for next generation Apple SoCs



SDE Intern, Microsoft, Redmond, WA

Sep – Dec 2014

- Developed entertainment platform for Xbox Music & Video app



Silicon Verification Intern, Microsoft, Mountain View, CA

Jan – Apr 2014

- Designed and verified MIPI DSI BFM to support Xbox chip designs

Firmware Developer Intern, BlackBerry, Waterloo, ON

May – Aug 2013

- Firmware development for modem chip within BlackBerry 10 devices



Software Engineer Intern, Intel FPGA, Toronto, ON

Sep – Dec 2012

- Designed testing framework on FPGAs using open source IPs
- Built experiment infrastructure to automate stress testing on CAD tools



Software Engineer Intern, Intel FPGA, Toronto, ON

Jan – Apr 2012

- Automated timing models correlation with silicon measurements

EDUCATION

Bachelor of Applied Science, Honors Computer Engineering

University of Waterloo, ON

Sep 2010 – Apr 2015

- **Cumulative GPA:** 3.8/4.0

