

# Victor Brunell

MS in Computer Science

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## EDUCATION

### Florida State University

#### **MS in Computer Science**

2015 – 2017

**GPA:** 4.0

**Thesis:** Dependency Collapsing in Instruction-Level Parallel Architectures

### **Selected Coursework**

Compiler Construction, Advanced Topics in Compilation, Computer Architecture, Artificial Intelligence, Mobile Programming, Data and Computer Communications, Computer and Network Administration, Theory of Automata and Formal Languages

### Florida State University

#### **BA in Business / Asian Studies**

2000 – 2006

## SKILLS

C, C++, Java, Python, SQL, MIPS, HTML, CSS, VMWare, vSphere, Google Cloud Platform, Android Studio, Android, Unix, Linux, Windows, Windows Server, Active Directory  
Git, \*nix Scripting, Flex/Bison, Bash, Vim, LaTeX

## EXPERIENCE

### **Research/Teaching Assistant, Florida State University** Tallahassee, FL 2015 – Present

- Computer architecture and optimizing compiler research.
- Developing compiler optimizations, ALU designs, and CPU simulators.
- Collaborating with research teams across three universities.
- Teaching courses in C++, computer design and architecture, and algorithm analysis.

### **IT/Business Consultant, Coastal Water Systems** Tallahassee, FL 2012 – Present

- IT troubleshooting; Network and website development and administration.
- Modernizing and managing the company's business systems.

### **ALT Coordinator / English Teacher, Tokushima BOE** Tokushima, Japan 2006 – 2011

- Coordinator for 75 foreign English teachers (ALTs) working in Tokushima, Japan.
- Teaching English to Japanese senior high school students.
- Japanese-English translation and interpretation.

### **Junior Software Developer, Ben Johnson Associates** Tallahassee, FL 2004 – 2005

- Part of a team developing a specialized search engine.
- Database development and data parsing.