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# TRUONG THAN

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## **EDUCATION:**

**University of Massachusetts, Boston** *Sept. 2009 – May 2011*

- M.S. in Computer Science
- Current GPA: 3.97/4.00

**University of Massachusetts, Boston** *Sept. 2007 – May 2009*

- B.S. in Computer Science *May 2009*
- GPA: 3.885/4.00
- Dean's List
- Award for Excellence in Software Engineering
- Departmental Distinction in Computer Science

**Bunker Hill Community College** *June 2005 – August 2007*

- A.S. in Concentration in Computer Science. *June 2007*
- GPA: 3.889/4.00
- Dean's List
- Academic Special Achievement Award
- Academic Outstanding Achievement Award

## **EXPERIENCE:**

**UNIX Lab Operator, at UMB** *Sept. 2008 – May 2011*

- Operating Sun Blade and Windows machines.
- Provide support to C.S. students as introducing them to the UNIX world.
- Perform UNIX administrative daily tasks.

**Teaching Assistant** *Sept. 2009 – May 2011*

- Assist professors in grading and tutoring.

### ***TECHNICAL SKILLS:***

- **Programming Languages:** Intel/GNU Assembly, C/C++, Java, Pascal, Scheme/Lisp, Visual Basic, and Python.
- **Internetworking and Web Programming:** Client-Server model applications, HTML, PHP, JSP, JavaScript.
- **Database Management System:** MySQL, Oracle, MS Access.
- **Operating Systems:** Windows (2000, XP, Vista, 7), UNIX, Linux.
- **Major Projects:**
  - Compiler for nontrivial subset of Java Language.
  - Tiny OS kernel: scheduler, interrupt handlers, system calls, semaphore, etc...
  - LPT device driver for XINU x86 operating system.
  - Hand-written digits recognition with neural networks: Adaptive Linear Neuron, Back-propagation, Counter-propagation, SOM.
  - HTTP 1.0 Tiny Web Server: thread pool, consistent connection, cache, access counter, etc...
  - Simulated GUI File System.
  - 4x4x4 Tic-tac-toe game.

### ***REFERENCE:***

- **Peter A. Fejer**, Professor and Chairman of C.S. Department at UMB.  
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- **Elizabeth O'Neil**, Professor at C.S. Dept. of UMB.  
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- **Marc Pomplun**, Professor at C.S. Dept. of UMB.  
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- **William Campbell**, Professor at C.S. Dept. of UMB.  
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