

TYLER CEDRIC BEAUCHAMP

Local: 5063 Sand Point Place NE Seattle, WA 98105 • Permanent: P.O. Box 821755 Vancouver, WA 98682

Phone: 360-936-3584 • E-Mail: tbchamp@cs.washington.edu • Web: <http://students.washington.edu/tbchamp/>

**Looking for a Full Time Software Engineering Position in an Industry Leading Company.
Interested in Product Management Opportunities.**

Education

University of Washington, Seattle, WA

MAJOR: Computer Engineering

Expected Graduation Date: June 2012

GPA: 3.54

Major GPA: 3.5

High School: Hockinson (Brush Prairie, WA)

Valedictorian (4.0 GPA)

Relevant Coursework

- Operating Systems (ongoing)
- Security (ongoing)
- Systems Programing
- Data Abstractions
- Software Design and Implementation
- Hardware / Software Interface
- Web Programming
- Probability and Statistics for Engineers
- Adv. Technical Communication and Oral Presentations

Skills

- Experienced with Computers: **Unix/Linux, Macintosh, and Windows** systems.
- Programming experience with **Java, C, C++, MATLAB, and basic Python.**
- Designed websites using **HTML, CSS, PHP, JavaScript, Ajax, SQL** and some **Rails.**
- Experience with **Solid Works, research experimentation processes,** and in a **wood and metal shop.**
- Adequate in **Spanish** (3 years in High School) and fluent in **English.**

Experience

- **NetApp Internship** in San Jose, CA (**Summer 2011 and part-time through June 2012**)
 - Leader in Network Storage, Cloud Computing, Virtualization, and Storage Efficiency
 - Developed for NetApp's SMI-S interface agent
 - System level C design and programming with a focus on multi-process memory management
- **Paid Research Assistant (Fall 09 – Ongoing):** Non-Linear Dynamics and Control Laboratory under Professor Kristi Morgansen-Hill in the Aeronautics and Astronautics department of the UW
 - Software: write C++ control algorithms for autonomous robots
 - Hardware maintenance and redesign of autonomous robotic fish
 - Testing and data collection of UW APL developed Seaglidrs
 - Document Seaglider testing (<http://vger.aa.washington.edu/~tbchamp/KWT1977.pdf>)
- **Washington NASA Space Grant Consortium (Summer 2009):** Undergraduate Research Program (UW)
 - Analyzed data with MATLAB; looking for future connections to autonomous vehicles and controls
 - Collected and analyzed experiment data
- **Ellis & Associates Lifeguard Training (2008):** Lifeguard for the City of Vancouver
 - Learned how to take control of a situations, and act professionally under stressful situations
- **At Home At School (AHAS) Volunteer (2007):** School of Education, Washington State University – Vancouver
 - Supervised young children as a Instructor and Group Leader for children from low-income families

Activities

- Member ACM (Association for Computing Machinery)
- Volunteer: Martin Luther King Jr. Day of Service
- Volunteer: Eco Encore
- Volunteer: Seattle Audubon Society
- Volunteer: Habitat for Humanity
- Assistant Scoutmaster BSA Troop 48 – Leadership

Honors & Awards

- UW Dean's list
- Burkhardt Scholarship (CSE 2010-11)
- NASA Space Grant Scholar
- SURP 2009 Best Research Presentation
- CPC Eagle Scout Scholarship Recipient
- Eagle Scout with Bronze, Gold, and Silver palms