

ANTHONY BAHADIR LOPEZ

1404 5th Ave San Diego CA • 619-847-1452 • abahadir619@gmail.com

EXPERIENCE

CSE 3: Fluency in Information Technology Tutor 03/2014 - Present

- Responsibilities include: Preparing, reading and evaluating homework and lab assignments, performing individual and/or group tutoring, and maintaining and submitting student grades. 3 Hrs. / Week
- Materials taught in class are: Javascript, HTML, CSS, Microsoft Excel, and Alice.

CSE 11: Intro to Java Programming (Accelerated Pace) Tutor 07/2013 - 08/2013 and 03/2014 - Present

- Responsibilities include: Preparing, reading and evaluating program assignments, proctoring examinations, performing individual and/or group tutoring, maintaining and submitting student records (e.g. grades). 6 Hrs. /Week.
- Materials taught in class are: Java, Polymorphism, Encapsulation, Inheritance, Abstraction, Recursion, and Algorithms.

CSE 100: Advanced Data Structures (In C++) Tutor 01/2014 - 03/2014

- Responsibilities include: Preparing, reading and evaluating 2 papers per student, proctoring 2 examinations, performing individual and/or group tutoring, maintaining and submitting student records (e.g. grades). 10 Hrs. /Week.
- Materials taught in class are: C++, Heaps, Trees (Binary, Treaps, Huffman, Ternary, Red-Black, 2-3), Hashing, Compression and Decompression.

CSE 140: Digital Systems - Technology and Design Tutor 09/2013 - 12/2013

- Responsibilities include: Preparing, grading approx. 60 papers per assignment. 10 Hrs. /Week.
- Materials taught in class are: Boolean logic, digital circuit design, timing diagram analysis, Flip Flops, Hamming distance, error detection and correction, Finite State Machines, and combinational and sequential logic.

CSE 140: Digital Systems - Technology and Design Tutor 08/2013 - 09/2013

- Responsibilities include: Preparing, reading and evaluating approx. 30 papers per assignment, proctoring 3 examinations, performing individual and/or group tutoring, maintaining and submitting student records (e.g. grades), designing examinations. 12 Hrs. /Week.

Undergraduate Researcher at UC Los Angeles 0/6/2014 - 08/29/2014

- Conducted research in the lab of Dr. Miodrag Potkonjak for 10 weeks. 40-50 Hrs/ Week.

Undergraduate Researcher at UC San Diego 06/2013 - Present

- Continuously conducting research in the Synergy Lab. 10-15 Hrs/ Week.

ORGANIZATIONS	UC LEADS Cohort 06/2013 - Present <ul style="list-style-type: none"> Research program directed towards minorities and students in need that display academic excellence. It requires cohorts to research under a mentor for one to two years in a project related to STEM (Science, Technology, Engineering and Mathematics) and frequently present the conducted research.
	NSF-CAMP Cohort 06/2013 - Present <ul style="list-style-type: none"> Science, Engineering and Mathematics program at UC San Diego provides support and advancement opportunities to ethnically underrepresented students who are seeking bachelor's degrees in a STEM field.
	STARS Program 06/2013 - 09/2013 <ul style="list-style-type: none"> Summer research program that requires students to attend a lab for 40hrs a week and to present their research in an undergraduate research conference at UCSD.
	UCSD Badminton Club 09/2011 - Present <ul style="list-style-type: none"> Elected officer - Captain of Badminton Club (2012-2013)
PRESENTATIONS	<ul style="list-style-type: none"> Poster Presentation at SACNAS (Society for Advancement of Chicanos and Native Americans in Science) Conference in San Antonio, Texas 10/4/2013 Oral Presentation at STARS Research Conference at UC San Diego 8/15/2013 Oral Presentation at UCSD Undergraduate Research Conference 4/26/2014
EDUCATION	B.S. Computer Engineering 2015 , University of California - San Diego, CA Major Upper Div GPA: 3.5/4.0, Overall GPA: 3.37/4.0
COMPUTER SKILLS	Languages Java, C, C++, Python, HTML, Javascript, CSS, SPARC, MIPS, Verilog, System Verilog Software MS Excel, Word, PowerPoint, PSPICE, LogicWorks, MATLAB, Eclipse, Quartus, Modelsim, GIT, ActiveMQ Operating Systems Windows, Linux, Unix
AWARDS	Provost's Honors Fall 2011; Winter 2012; Spring 2013; Fall 2014 Create Scholarship 2012 NACME Scholarship 2013-Present Salutatorian at San Diego High School - International Studies 2011
LANGUAGES	English: Native language Spanish: Intermediate Listener, Intermediate Speaker, Advanced Reading and Writing
ACTIVITIES AND INTERESTS	Badminton, Reading, Soccer.
REFERENCE	Available upon request