**Robert Chen**

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**EDUCATION**

**AMHERST COLLEGE** **|** Amherst, MA **Expected May 2017**

Bachelor of the Arts: Computer Science

GPA: 3.6/4.0

MCAT: 34/45

**WORK EXPERIENCE**

**AMHERST COLLEGE | Teaching Assistant Amherst, MA | Sep. 2015-Oct. 2015**

* Assisted Computer Science laboratory courses (Introduction to Computer Science, Computer Systems)
* Provided guidance to students in completing programming assignments in Java
* Taught Java to students and other Teaching Assistants with a Python background.

**PFIZER, INC | Intern Pearl River, NY | June 2014-Aug. 2014**

* Worked in In Vivo Pharmacology group at Pfizer Oncology Research Unit. Focused on applying biochemical methods to solve problems with off-target toxicity of current Antibody Drug Conjugates.
* Extensively worked on and optimized the procedure to prepare tumor interstitial fluid and tumor lysate samples. Extensive experience in other laboratory procedures including biotinylation, Western blots, and ELISA.
* Helped compile and present literature data in order to determine representative regimens of human standard of care chemotherapy treatments, which helps determine corresponding clinically relevant doses for mice model.
* Maintained and updated laboratory databases and workbooks.

**REGENERON PHARMACEUTICALS, INC. | Intern Tarrytown, NY | May 2013-Aug. 2013**

* Familiar with Hydrodynamic Gene Delivery in mice, involved in the testing of protein expression in mice
* Extensive experience performing Western blots and Lipofectamine cell transfections
* Analyzed, organized and presented data for laboratory meetings

**NEW YORK MEDICAL COLLEGE | Intern  Valhalla, NY | June 2010-Aug. 2013**

* Assisted professors in medical research in the fields of Alzheimer’s and diabetic vascular complication
* Extensive experience creating, preparing, and conducting polymerase chain reactions (PCR), gel electrophoresis (agarose and PAGE), cell culture (*E. coli*, endothelial cells) and protein silver staining.
* Managed and analyzed cellular data in Excel, as well as interpreted results
* Maintained, genotyped and labeled Sirtuin-1 and TGFβ-receptor knockout mice colonies. Experience in tissue collection and processing and working with animal organs. Familiar with animal dissections.

**SKILLS**

* Strong analytical, problem solving, and experimental skills
* Programming Languages: Java, HTML, CSS, JavaScript, Ruby, Ruby on Rails, some experience with Python and C++
* Fluent in spoken Mandarin
* Experienced with spreadsheets (Excel)
* Experience with various laboratory techniques and procedures (listed above)

**OTHER EXPERIENCE**

**HELEN HAYES HOSPITAL | Volunteer Haverstraw, NY | July 2014-August 2015**

* Volunteered for the Therapeutic Recreation department, running music therapy
* Set up concerts on weekends for patients and transported patients to and from the event
* Went room-to-room for individualized music therapy

**JAWONIO, INC. | Volunteer New City, NY | July 2015-Aug. 2015**

* Assisted in running the daily rehabilitation program for individuals with various disabilities
* Organized various events for members of the Jawonio community

**AMHERST COLLEGE CHINESE & JAPANESE LANG. HOUSE | Founder Amherst, MA | Apr. 2013-May 2014**

* One of the founding members of the language house and one of the co-writers of the House Constitution
* Performed a leadership role in organizing and hosting House events