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