

Biographical Sketch
Oliver Y. Chang

Undergraduate Student, College of Arts and Sciences, University of Miami, Coral Gables, FL 33124
o.chang@umiami.edu

(a) Professional Preparation

University of Miami, Coral Gables, FL; Computer Science and Geography; 3.86 GPA, B.S., 2012–present

(b) Appointments

2015: **Parallel Computing Institute Research Assistant**, University of Illinois, Urbana-Champaign, Urbana, IL

2015: **Mobile, Pervasive, and Autonomous Communication Technologies Research Assistant**, Florida International University, Miami, FL

2014–present: **Undergraduate Teaching Assistant**, University of Miami, Coral Gables, FL

2014: **Science Data Engineering & Archiving Intern**, NASA Jet Propulsion Lab, Pasadena, CA

2013–2014: **Software Engineering Intern**, Sensari, Inc., Miami, FL

(c) Products

1. **Chang, O.Y.**, E. Armstrong, and D. Foster. Improving Compliance for Earth Science Data Records. Poster session presented at: Earth Science Data Record Challenges. 2014 Fall Meeting of the American Geophysical Union; 2014 Dec 15–19; San Francisco, CA.
2. **Chang, O.Y.**, G. Chang, and E. Armstrong. Automating Metadata Compliance Checking. Final report and presentation. 2014 August.

(d) Synergistic Activities

- Trained in engineering ethics by the National Center for Professional & Research Ethics
- Developed one of the first FirefoxOS Apps for Sensari, now rated 4 stars
- Taught undergraduate lab sessions for Computer Programming I and II
- Tutor for University of Miami's Camner Academic Resource Center
- Vice President, University of Miami's Association for Computing Machinery
- Recipient, National Merit Scholarship

(e) Collaborators & Other Affiliations

Collaborators and Co-Editors: *University of Illinois, Urbana-Champaign:* Paul Fischer; *Florida International University:* Ismail Guvenc; *University of Miami:* Lance Z. Levine; Elsa Maria Rodriguez Plaza; *NASA Jet Propulsion Lab:* Edward M. Armstrong; George W. Chang; *Applied Science Associates:* David Foster