

Biographical Sketch  
**Oliver Y. Chang**

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Undergraduate Student, College of Arts and Sciences, University of Miami, Coral Gables, FL 33124  
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**(a) Professional Preparation**

University of Miami, Coral Gables, FL; Computer Science and Geography; 3.8 GPA, B.S., 2012–present

**(b) Appointments**

2015–present **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**

- 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