

# Curriculum Vitae

Yang Gao

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## Research Summary:

Yang Gao is currently working toward the Ph.D. degree in information and communication engineering, Tsinghua University, Beijing. His current research focuses on the new generation GNSS signal processing and real-time GNSS software receiver.

## Education Background:

<b>Ph.D. student Electronic Engineering</b>	Beijing, China
<i>Tsinghua University</i>	<b>2015–present</b>
<b>B.S. Electronic Engineering</b>	Beijing, China
<i>Tsinghua University</i>	<b>2009–2013</b>

## Honors and Awards:

2017	Third-class prize in the 505th PhD student forum of Tsinghua
2012	Comprehensive Merit Scholarship of Tsinghua University
2011	Academic Merit Scholarships of Tsinghua University
2010	Academic Merit Scholarships of Tsinghua University

## Research and Work Experience:

<b>Assistant Engineer</b>	Beijing, China
Beijing Satellite Navigation Center	<b>2013–2015</b>
<b>Assistant Researcher Intern</b>	Beijing, China
Beijing Institute of Tracking and Telecommunications Technology	<b>Summer 2012</b>

## Journal Papers:

- [1] **Gao, Y.**, Yao, Z., Lu, M., "Design and Implementation of Real-time Software Receiver for BDS-3 Signals," Submitted to *Navigation: Journal of The ION*, 2018.
- [2] **Gao, Y.**, Yao, Z., Lu, M., "Theoretical analysis of unambiguous 2-D tracking loop performance for band-limited BOC signals," *GPS Solutions*, 2018, 22(1): 30.
- [3] Yao, Z., Gao, Y., **Gao, Y.**, Lu, M., "Generalized theory of BOC signal unambiguous tracking with two-dimensional loops," *IEEE Transactions on Aerospace and Electronic Systems*, 2017, 53(6): 3056-3069.

## Presentations:

- [1] **Gao, Y.**, "GNSS Software Receiver and Its Applications", *the 1st Tsinghua-Stanford Joint Workshop on Positioning Navigation and Timing*, Shenzhen, May 2017.