

# Jacob Liberman

[jliberman@utexas.edu](mailto:jliberman@utexas.edu)

Austin, TX +1 (512) 632-0098

## Summary

I am a rugby 7s coach with collegiate, domestic club, and international experience. My coaching philosophy is centered on defense and contact work, and I have a passion for developing raw athletes into 7s players. My professional background is in computer programming and performance analysis. This informs my coaching. In my spare time I developed a unique statistical data set of more than 600 international sevens matches that I mine for data-driven insights and tactics that have proved their effectiveness in competitions.

## Rugby Coaching Experience

### **Rugby 7s Director of Rugby, Assistant Coach**

Austin Huns, *March 2017 - Present*

- Appointed rugby 7s director to oversee strategic direction including competitions and player management for both the professional and amateur teams.
- Responsibilities include coach development, video and statistical performance analysis, player recruitment and development.
- Work with professional and amateur coaches to develop and deliver cohesive alignment between teams at all levels.
- Assistant coach to professional team, defense & contact specialist

### **Rugby 7s Head Coach**

Austin Huns, *May 2016 - September 2016*

- 2016 Red River Conference champion
- Led Austin Huns to first USA Rugby 7s national championship tournament in the clubs 40 year history.
- Planned practice, conducted video and statistical performance analysis, coached rugby 7s techniques, tactics, and strategy.

### **Rugby 7s Manager, Assistant Coach**

Austin Rugby Club, *May 2013 - August 2013*

- Appointed rugby 7s manager and assistant coach to organize competitive summer 7s
- Red River Conference Champion, USAR 7s Nationals qualifier
- Managed operational aspects of the season including fund raising, scheduling, coach and player recruitment/retention
- Assistant coach, defense & contact specialist

## **Rugby 7s Head Coach**

University of Texas at Austin, *August 2010 – July 2015*

- Founder and coach of University of Texas Rugby 7s team.
- Ranked #20 2011, #13 2012, #12 2013 out of more than 500 college rugby programs.
- In five seasons we produced 4 conference championships, 9 Academic All Americans, and UT's first rugby All American. (honorable mention)
- During my coaching tenure, UT moved from DI-AA, to DIA, to Varsity Cup. (15s)

## **Performance analyst**

Philippine Rugby Football Union, *June 2013 – August 2013*

- National team performance analyst during the 2013 Rugby 7s World Cup in Moscow, Russia.
- Video capture, coding, statistical analysis, and scouting.
- Developed novel method to scout opponents at the Rugby Sevens World Cup using social network analysis and graph theory.

## **Rugby Certifications**

- L200 USAR Coaching certification
- L1 Referee certification
- Rugby Sevens specialization

## **Rugby Playing Experience**

- 20+ years of playing experience at collegiate, D2, and D1 levels
  - University of Wisconsin Rugby Club
  - Massey Rugby Club, Auckland, NZ
  - Wisconsin Rugby Club (1997 D2 Final four, 1998 D2 National champions)
  - Austin Huns
  - Austin Rugby Club (2000 D1 Final four, 2001 D1 National Finalist)
- Representative:
  - 2001 World Maccabiah Games, Israel, silver medal (15s)
  - 2002 Maccabiah Games, Australia, gold medal (7s)
  - West Mustangs ITT 7s (2001, 2002)
  - Atlantis 7s, Mexico (2010)

## Professional Experience

### Principal Product Manager, Cloud Computing

Red Hat, *January 2012 – Present*

- I work with Red Hat's largest private cloud customers in North and Latin America to define and drive features in Red Hat OpenStack Platform, our flagship cloud infrastructure product.

### Principal Software Engineer, Cloud Computing

Red Hat, *January 2012 – December 2015*

- Developed, tested, and published cloud computing reference architectures based on Linux, OpenStack, and Hadoop.

### Performance Engineer, Scientific and Cloud Computing

Advanced Micro Devices, *November 2009 – January 2012*

- Designed and conducted server performance studies for competitive analysis. Helped customers improve the performance of their codes on our systems. Managed lab clusters for remote customer evaluation and traveled to customer sites to conduct benchmarks for acceptance testing.

### Development Engineer, Scientific Computing

Dell, *August 2006 – November 2009*

- Lead performance engineer. Conducted server performance studies using standard benchmarks and applications. Shared results via publications and presentations. Evaluated storage, networking, and software technologies for inclusion in our product.

## Education

### Texas State University

*Master's Program, Computer Science*

- Completed > 30 hours of upper division computer science course work with a 3.8 GPA - Researcher in Human Computer Interaction lab helping develop eye-gaze guided computer interfaces and a mechanical model of human eye movement.

### The University of Texas at Austin

*Master's Degree, Technology in Education*

- 4.0 overall GPA including course work in educational psychology, statistics, learning theory, and scientific computing.

### University of Wisconsin-Madison

*Bachelor's Degree, English Literature*

- Creative writing emphasis

## Volunteer Service

### Member, Good Judgment Team

Good Judgment Project, *August 2014 - Present*

I predict global events in a government sponsored forecasting tournament.

### Board member (football)

Trojans Pop Warner, *August 2015 – Present*

Board member and volunteer football coach for Trojans Pop Warner in Austin, TX. In 2015 there were more than 250 boys and girls ages 5-12 participating in Trojans Pop Warner. I teach rugby tackling techniques to all age groups to promote safe and effective tackling.

### Membership chair — Texas Rugby Alumni Network

Texas Exes, *May 2015 - Present*

The Texas Rugby Alumni Association is an official Texas Exes network. We organize alumni events, promote rugby within the university, and raise funds to offset operational costs to the University of Texas rugby team. In 2012 we established an endowed scholarship fund through UTIMCO.

## Selected Publications, Example Code

- Code samples: <https://github.com/jliberma>
- Publications & writing samples: <https://github.com/jliberma/publications>
- Rugby analysis examples: <http://rpubs.com/starting7s>
- Rugby & technology blog: <https://starting7s.com> (Updated infrequently)